

User Guide for the Infoway Test Platform

Version 2.0

Prepared for:

Canada Health Infoway

Prepared by:

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Table of Contents

Revision History	1
Table of Contents	2
Table of Contents	4
1 Scope	7
1.1 Purpose	7
1.2 System Overview	7
2 References	8
3 Getting Started	9
3.1 System Requirements	9
3.2 POS System Configuration	9
3.3 Connecting to the Test Harness	11
3.3.1 Security	11
3.3.2 Communication	12
4 User Access	17
4.1 User Registration	17
4.2 User Login	19
5 Test Case	22
5.1 Create a Test Case Ticket	22
5.1.1 Test Case Details	25
5.1.2 Test Case Scenarios	33
5.1.3 Finalize Test Case Definition	40
5.2 Download Test Case Data	42
5.3 Execute Test Case	42
5.4 Cancel Test Case	42
5.5 Delete a Test Case	43
5.6 Copy a Test Case	43
5.7 Search for Test Case(s)	43
5.8 Re-Run Test Cases	47
6 Test Reports	48

6.1	Accessing a Test Report via a Test Ticket.....	48
6.2	Accessing Test Reports via a Report of Test Tickets	49
6.3	View Test Reports	52
6.3.1	Test Report Main Page.....	52
6.3.2	Test Ticket Details Page	53
6.3.3	Test Ticket Summary Page	55
6.3.4	Scenario Page.....	56
6.4	Print a Test Report	62
6.5	Save a Test Report	64
7	Endpoint Entry	66
7.1	Create an Endpoint Entry.....	66
7.1.1	Endpoint Entry Details	68
8	Create Scenario.....	75
8.1	Save and Create a Scenario.....	75
8.1.1	Create Scenario Details	77
8.1.2	Validate/Generate Assert Rules.....	84
8.1.3	Updating Assert Rules	85
8.1.4	Save Scenario	88
9	Raising a Support Ticket.....	88
10	Test Harness Performance Report.....	91
11	Test Harness Logging Reports	94
11.1	Report on Test Case Tickets by Application and Activity	94
11.2	Report on User.....	97
11.3	Report on Errors.....	99
11.4	Report on Application Errors	101
	Appendix A – Supported Interactions.....	104
	Appendix B – Example WSDL (Client Registry)	109
	Appendix C –WSDL For Deferred Callbacks (SAML).....	122
	Appendix D –WSDL For Deferred Callbacks (Username Token)	155

Table of Contents

Figure 4-1 Registration Page	17
Figure 4-2 Verification Notification.....	18
Figure 4-3 Login Page	19
Figure 4-4 Invalid Credentials	20
Figure 4-5 Initial Page	21
Figure 5-1 Submit Button.....	23
Figure 5-2 Initial Test Case Form.....	24
Figure 5-3 Test Case View	25
Figure 5-4 Application Lookup	26
Figure 5-5 Application Drop Down List	26
Figure 5-6 New Application Information	27
Figure 5-7 Response Mode	28
Figure 5-8 Response Mode Selection List	28
Figure 5-9 Deferred Parameters – REST.....	29
Figure 5-10 Deferred Parameters – SOAP (SAML)	29
Figure 5-11 Deferred Parameters - SOAP (User Token).....	30
Figure 5-12 Simulate HTTP Error.....	31
Figure 5-13 Simulate HTTP Error codes	31
Figure 5-14 Timeout Test	32
Figure 5-15 Duplicate Response	32
Figure 5-16 Remove scenario.....	40
Figure 5-17 Data Set Tab.....	40
Figure 5-18 Test Defined Action button.....	41
Figure 5-19 Library Data Link	42
Figure 5-20 Run Action button.....	42
Figure 5-21 Cancel Test Action button.....	42
Figure 5-22 Delete Action button	43
Figure 5-23 Delete Confirmation Message	43
Figure 5-24 Copy Action button.....	43
Figure 5-25 Search by Keyword(s)	44
Figure 5-26 Advanced Search	45

Figure 5-27 Global Search	46
Figure 5-28 Re-Run Action button	47
Figure 6-1 View Report Link	48
Figure 6-2 Reports Menu Item	49
Figure 6-3 Report List	50
Figure 6-4 Search Criteria	50
Figure 6-5 TES Report Link (need updated screen shot)	51
Figure 6-6 Test Report Main Page (Single Test)	52
Figure 6-7 Test Report Main Page (Multiple Tests)	52
Figure 6-8 Test Ticket Details (Single Scenario Test Case)	53
Figure 6-9 Test Ticket Details (Multiple Scenario Test Case)	54
Figure 6-10 Test Ticket Summary (Single Scenario Test Case)	55
Figure 6-11 Test Ticket Summary (Multiple Scenario Test Case)	55
Figure 6-12 Scenario Page (Multiple Scenario Test Case)	56
Figure 6-13 Details Tab (Single Scenario Test Case)	57
Figure 6-14 Assertion Tab (Single Scenario Test Case)	58
Figure 6-15 Request Message Tab (Single Scenario Test Case)	59
Figure 6-16 Response Message Tab (Single Scenario Test Case)	60
Figure 6-17 Logs & Errors Tab (Single Scenario Test Case)	61
Figure 6-18 Print Request form (Multiple Scenario Test Case)	62
Figure 6-19 Print friendly view	63
Figure 6-20 Save Request form (Multiple Scenario Test Case)	64
Figure 6-21 Report saving in progress	65
Figure 6-22 Download Report	65
Figure 7-1 Submit Button	66
Figure 7-2 Initial Endpoint Entry Form	67
Figure 7-3 Endpoint Entry View	68
Figure 8-1 Submit Button	75
Figure 8-2 Initial Create Scenario Form	76
Figure 9-1 TES Support Application	89
Figure 9-2 Support Submit	89
Figure 9-3 Defect Submit Form	90
Figure 10-1 Searching for Performance Report	91

Figure 10-2 Performance Report Link	92
Figure 10-3 Performance Report Date Selection	92
Figure 10-4 Performance Report	93
Figure 11-1 Search Test Activity Report.....	94
Figure 11-2 Test Activity Report	95
Figure 11-3 Test Activity Report Search.....	96
Figure 11-4 Test Activity Report	97
Figure 11-5 System Reports	98
Figure 11-6 Users Report	98
Figure 11-7 Searching for Logging Report.....	99
Figure 11-8 Logging Report Link	99
Figure 11-9 Logging Report Date and Ordering Selection	100
Figure 11-10 Logging Report.....	100
Figure 11-11 Searching for Application Error Report.....	101
Figure 11-12 Application Error Report Link	102
Figure 11-13 Application Error Report Date Selection	102
Figure 11-14 Application Error Report.....	103

1 Scope

1.1 Purpose

The document provides the information required for the user to configure a test case to exercise the POS capability to communicate with the HL7 V3 message standard. The available endpoints for the test environment are also identified.

1.2 System Overview

The Test Environment Service (TES) provides the user with the capability to perform schema-based HL7 V3 message validation, MIF-based message validation, and vocabulary validation. The TES also provides responses that simulate the messages that would be returned by the Health Information Access Layer or by individual repositories and registries.

The TES is comprised of a test harness back end and a user interface front end. The user interface provides the user with the capability to create test cases, retrieve test reports and (with appropriate privileges) retrieve system reports. The test harness is the destination for the messages created by the user's Point of Service (PoS) system and the source of the responses to the PoS.

2 References

Table 1 - Reference Documents	
Document Title	Version
Serena Business Mashups User's Guide	2009 R3.02
Serena Mashup Administrator Guide	2009 R3.02

3 Getting Started

3.1 System Requirements

The minimum recommended hardware is

- Dual Core Processor or better
- 2GB RAM or better
- Windows XP/Vista/7

The recommended operating system is Microsoft Windows XP/Vista/Windows 7.

The recommended browsers are Internet Explorer 8.0.7600 or newer and Mozilla Firefox 3.6.16 or newer.

3.2 POS System Configuration

The test harness is a web service that provides a wsdl for each supported domain. The wsdl identifies the operations available for the domain and are identified in Appendix A. An example wsdl (Client Registry) is listed in Appendix B and all wsdl's will have the same format. The POS should be configured to send messages to the domains (URLs) that are listed in the following table.

Table 3-1 Domain URLs

Domain	URL
Client Registry	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ClientRegistry
Provider Registry	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ProviderRegistry
Immunization	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Immunization
Laboratory	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Laboratory
Pharmacy	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Pharmacy
Shared Health Record	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/SharedHealthRecord

Client Registry Async	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ClientRegistryAsync
Provider Registry Async	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ProviderRegistryAsync
Immunization Async	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ImmunizationAsync
Laboratory Async	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/LaboratoryAsync
Pharmacy Async	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/PharmacyAsync
Shared Health Record	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/SharedHealthRecordAsync
Client Registry Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ClientRegistrySaml
Provider Registry Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ProviderRegistrySaml
Immunization Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ImmunizationSaml
Laboratory Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/LaboratorySaml
Pharmacy Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/PharmacySaml
Shared Health Record Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/SharedHealthRecordSaml
Client Registry Async Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ClientRegistryAsyncSaml
Provider Registry Async Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ProviderRegistryAsyncSaml
Immunization Async Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ImmunizationAsyncSaml

Laboratory Async Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/LaboratoryAsyncSaml
Pharmacy Async Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/PharmacyAsyncSaml
Shared Health Record Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/SharedHealthRecordAsyncSaml
Polling	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Polling
Polling Saml	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/PollingSaml

If the user plans to configure test cases which request a ‘Deferred’ response, then the POS must implement a web service to receive messages pushed from the test harness.

The WSDL that must be implemented is listed in the appendix.

3.3 Connecting to the Test Harness

The test harness supports security and communication via the SOAP protocol and REST.

3.3.1 Security

3.3.1.1 Keystore and Truststore configuration

There are 2 unrelated keystore and truststore configurations, one for SSL/TLS and the other for soap message level security.

The configuration details should be available on your webservice stack documentation.

If using the “unsecured” webservice endpoints, SSL certificates may or maynot apply, depending on deployment method.

For accessing the SAML versions of the webservice endpoints, a set of certificates are required, these certificates must be X509 V3 certificates that support the “SubjectKeyIdentifier” extension. These certificates must be signed by a root CA and trusted by the test harness.

If in a java environment, keytool will not produce the correct certificates, openssl can be used to generate the necessary certs. For more information on how to generate the certificates see:

http://www.jroller.com/gmazza/entry/using_openssl_to_create_certificates

The Soap message security mechanism used by the test harness is the “SAML Sender vouches with certificate” model.

POS Keystore: Client Private Key

POS Truststore: Server Public Key

The root CA which is used to sign both the client and server certificates must be in the service’s truststore.

On your webservice stack, you must configure the client such that the message is signed with the POS’s private key and encrypted with the service’s public key.

For deferred push cases, the roles are reversed, you must have in keystore/truststore:

POS Keystore: your POS’s private key

POS Truststore: Root CA

The Root CA is basically ensures that you trust TES’s incoming certificate. Your POS’s public key must be given to the TES such that it can be used to encrypt the message.

3.3.2 Communication

3.3.2.1 SOAP Protocol

The content of the test harness SOAP header is described in the wsdl. Two pieces of information are required in the header.

Ticket ID	– test case number assigned by the test system
User ID	– user identification assigned by the test system

The schemas for the test harness header are listed in Appendix C.

3.3.2.2 REST

Domain	URL	Interactions & Resources
Client Registry	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ClientRegistry	PRPA_IN101103CA getClient/{phn} PRPA_IN101101CA getDemographics/{phn} MCCI_IN100001CA user/{userId}/getQueuedMsgs MCCI_IN100004CA user/{userId}/createQueueAcks
Provider Registry	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/ProviderRegistry	PRPM_IN306010CA getDetails/{userId} MCCI_IN100001CA user/{userId}/getQueuedMsgs MCCI_IN100004CA user/{userId}/createQueueAcks
Laboratory	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Laboratory	POLB_IN354000CA getResult/{id} POLB_IN354005CA getResultByProviderOrLocation/{id} MCCI_IN100001CA user/{userId}/getQueuedMsgs MCCI_IN100004CA user/{userId}/createQueueAcks
		POIZ_IN010020CA getRecord/{id}

Immunization	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Immunization	<p>POIZ_IN010070CA updateRecord/{id}</p> <p>COMT_IN600001CA deleteGeneric/{id}</p> <p>POIZ_IN021010CA getEvent/{id}</p> <p>POIZ_IN020010CA getEventDetails/{id}</p> <p>POIZ_IN070010CA getPatientProfile/{id}</p> <p>MCCI_IN100001CA user/{userId}/getQueuedMsgs</p> <p>MCCI_IN100004CA user/{userId}/createQueueAcks</p>
Pharmacy	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Pharmacy	<p>PORX_IN060290CA getPrescription/{id}</p> <p>PORX_IN060250CA getPrescriptionDetails/{id}</p> <p>PORX_IN060370CA getMedicationDetails/{id}</p> <p>PORX_IN060350CA getMedication/{id}</p> <p>POME_IN010010CA getDrugDocument/{id}</p> <p>POME_IN010070CA getDrug/{id}</p> <p>POME_IN010050CA getDrugDetails/{id}</p> <p>PORX_IN050030CA getDrugContraindication/{id}</p>

		<p>PORX_IN010380CA createPrescription/{id}</p> <p>PORX_IN010560CA abortDispensePrescription/{id}</p> <p>PORX_IN010840CA abortPrescription/{id}</p> <p>PORX_IN010440CA suspendPrescription/{id}</p> <p>PORX_IN010520CA resumePrescription/{id}</p> <p>COMT_IN600001CA deleteGeneric/{id}</p> <p>PORX_IN040020CA createOtherMedication/{id}</p> <p>PORX_IN040070CA updateOtherMedication/{id}</p> <p>PORX_IN010720CA prescriptionRenewal/{id}</p> <p>COMT_IN700001CA manageContraindication/{id}</p> <p>MCCI_IN100001CA user/{userId}/getQueuedMsgs</p> <p>MCCI_IN100004CA user/{userId}/createQueueAcks</p>
		<p>REPC_IN000012CA createAllergyIntolerance/{id}</p> <p>REPC_IN000020CA updateAllergyIntolerance/{id}</p> <p>COMT_IN600001CA</p>

Immunization	http://prd-web1.te.emri.infoway-inforoute.ca:8080/HL7WebService/Immunization	deleteGeneric/{id} REPC_IN000015CA getAllergyIntolerance/{id} REPC_IN000017CA getAllergyIntoleranceWithHistory/{id} REPC_IN000076CA createEncounter/{id} REPC_IN000086CA getEncounter/{id} REPC_IN000092CA getEncounterDetails/{id} MCCI_IN100001CA user/{userId}/getQueuedMsgs MCCI_IN100004CA user/{userId}/createQueueAcks
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3.3.2.3 REST HTTP

The content of the test harness SOAP header is described in the wsdl. Two pieces of information are required in the http header.

Ticket ID – test case number assigned by the test system
User ID – user identification assigned by the test system

4 User Access

4.1 User Registration

You must be registered as a user in the Test Environment Service (TES) before you can use the system. A request can be filled in and submitted from the TES's Registration Page. Enter the following URL into a browser to access the Registration Page.

URL: <https://hostname/tmtrack/tmtrack.dll?SelfRegPage>

Customer Registration

If you have already registered or have already been given a username and password you may go directly to your home page by using the following:

Log In to Serena Business Mashups

To register online, fill out the form below. An email confirmation will be sent to you indicating that your account has been successfully created. Once your account has been created you may go directly to the login page using the link above.

Standard Fields	
First Name:	<input type="text"/>
Last Name:	<input type="text"/>
E-mail:	<input type="text"/>
Organization:	<input type="text"/>

Figure 4-1 Registration Page

Fill in your First Name, Last Name, E-mail address and the name of your Organization and click the **Register** button.

Once your request has been authorized, a verification notification will be sent to the specified e-mail address.

Thank-you for registering with Aversan

khan@aversan.com

To: Kioh Han

Your user registration with Aversan has been processed. You may now login at
<http://w2003sbm112010/tmtrack/tmtrack.dll?>.

If you are unable to follow this link, copy and paste the address into your browser.

Your login details:

Login: khan

Password: (Your Infoway LDAP Password)

Thank you,

Aversan Technical Support

Figure 4-2 Verification Notification

4.2 User Login

Once registered, you may log into the test system. Enter the following URL into a browser to access the Login Page.

URL: <https://hostname/tmtrack/tmtrack.dll?>

The credentials for the test system are the same as the Canada Health Infoway LDAP credentials. Enter your User Name and Password and click the **Log In** button.

The image shows a web page for logging into the Canada Health Infoway system. At the top left is the logo, which consists of an orange stylized figure with arms raised, enclosed in a circle. To the right of the logo, the text "Canada Inforoute Health Santé Infoway du Canada" is displayed in a dark grey font. Below this header, there is a light beige rectangular box containing the login form. The form has the title "Please Sign In" at the top. Below the title is the instruction "To access your applications." followed by two input fields. The first field is labeled "User Name:" and the second is labeled "Password:". Both fields are empty text boxes. At the bottom right of the form box is a button labeled "Log In".

Figure 4-3 Login Page

The system will display an error message as shown in Figure 4-4 if you entered your credentials incorrectly.



The screenshot shows the login interface for the Canada Health Inforoute system. At the top left is the logo, which consists of an orange stylized figure with arms raised, next to the text 'Canada Health Inforoute' and 'Santé du Canada' in a dark blue font. Below the logo, the text 'Invalid User ID or Password.' is displayed in a red font. In the center of the page is a white rectangular box with a thin black border. Inside this box, the heading 'Please Sign In' is followed by the instruction 'To access your applications.' Below this, there are two input fields: 'User Name:' and 'Password:'. Each label is followed by a white rectangular input box. At the bottom right of the white box is a grey button with the text 'Log In' in white.

Figure 4-4 Invalid Credentials

The system will display the initial page when you successfully log in.

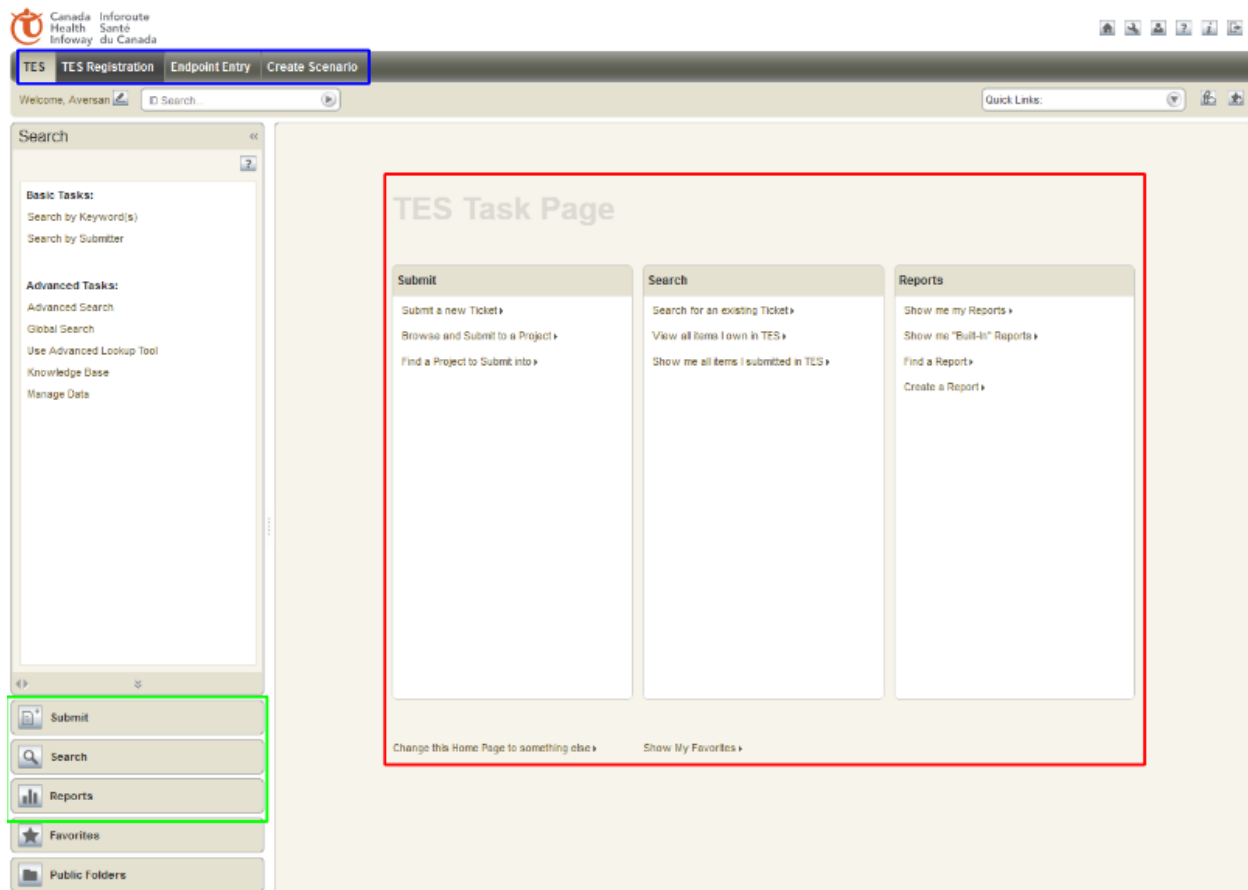


Figure 4-5 Initial Page

The large area outlined in red on the main page and the area outlined in blue on top of the main page is user configurable and may vary between users. The steps to personalize these areas are outside the scope of this user guide but additional information can be found using the Help (?) button in the upper right hand corner of the screen.

The areas outlined in green on the main page as well as area outlined in blue will be used to access the functionality described in this user guide.

5 Test Case

A Test Case is defined within a ticket. The terms Test Case and Test Case Ticket can be used interchangeably. A Test Case can be created, copied, re-run and (with appropriate privileges) deleted. A Test Case must be finalized before it can be executed. A finalized Test Case cannot be modified.

5.1 Create a Test Case Ticket

A Test Case requires you to fill in the test case details and to select one or more scenarios. A scenario represents a unique request/response combination and all available scenarios are stored in the TES library.

Follow the steps below to create an initial test case ticket.

Click on the “Submit” action in the main page.

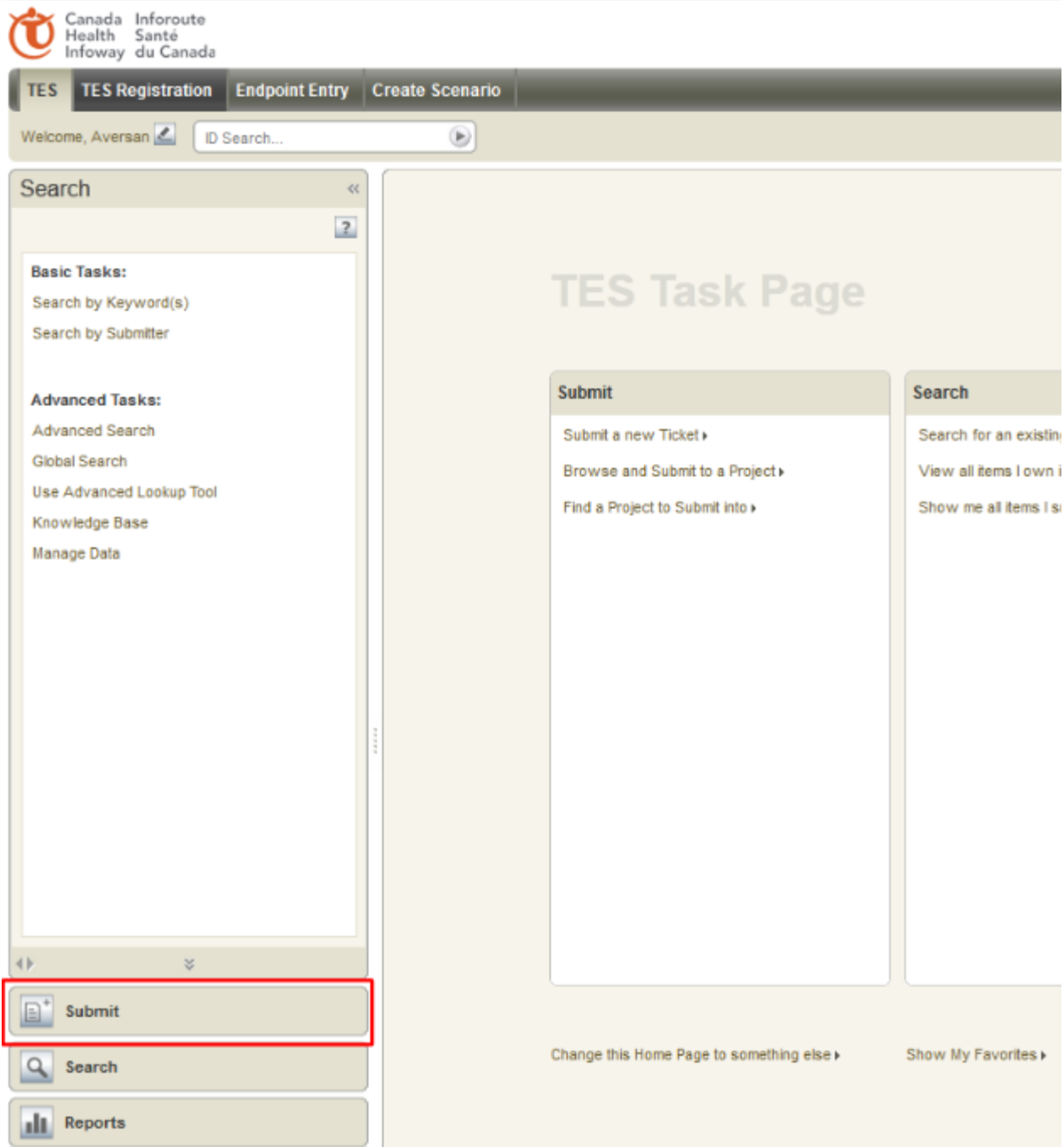


Figure 5-1 Submit Button

The TES system will display the initial Test Case form as shown in Figure 5-2.

The screenshot shows the 'Initial Test Case Form' in the TES system. The top navigation bar includes 'TES', 'TES Registration', 'Endpoint Entry', and 'Create Scenario'. The sidebar on the left has 'Basic Tasks' (Submit to my Preferred Projects) and 'Advanced Tasks' (Browse and Submit to a Project, Find a Project to Submit into, Manage My Projects). The main form area is titled 'Submit into: TES : Ontario : Aversan' and contains the following fields:

- Name:** A text input field.
- Description:** A large text area.
- Simulate HTTP Error:** A dropdown menu with '(None)' selected.
- Timeout Test:** A checkbox.
- Response Mode:** A dropdown menu with '(None)' selected.
- Duplicate Response:** A checkbox.
- Application:** A text input field with a 'Find' button and a dropdown menu with '(None)' selected.
- Security Mechanism:** A dropdown menu with '(None)' selected.
- New Application:** A checkbox.

At the bottom right of the form, it says 'TES Version: 1.0.5-SNAPSHOT'.

Figure 5-2 Initial Test Case Form

The initial Test Case form is where the details are entered or selected. Refer to the following subsections for more details on each field.

Mandatory Fields

- Name – Enter the name of your test case
- Description – Enter a description of your test case
- Application – Refer to section 5.1.1.1
- Response Mode – Refer to section 5.1.1.2

Optional Fields

- Simulate HTTP Error – Refer to section 5.1.1.3
- Timeout Test – Refer to section 5.1.1.4
- Duplicate Response – Refer to section 5.1.1.5
- Security Mechanism – Refer to section 5.1.1.6

Fill in the fields relevant to the test case and click **OK**. The TES system will display the Test Case View as shown in Figure 5-3. The Fields in the Standard tab display the values that were entered or selected. You may return to make any changes by using the Update button in the Actions.

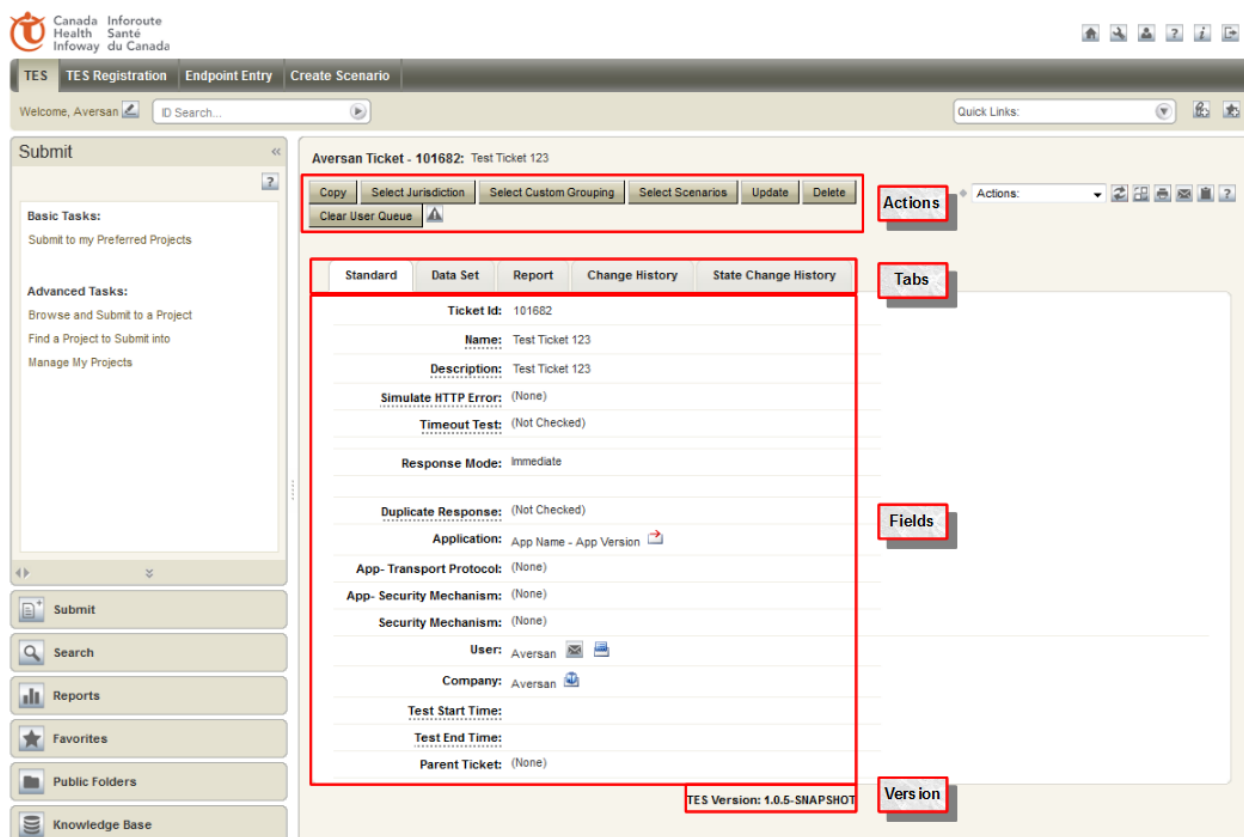


Figure 5-3 Test Case View

5.1.1 Test Case Details

5.1.1.1 Application

The TES system maintains a list of application name and version, from your organization, for which test case tickets have been created. To look up all of the available choices, click on the **Find** button. Alternatively, to look up a subset of the available choices, enter the complete (or partial) application name in the find field and click on the **Find** button.

Simulate HTTP Error: (None) ▾

Timeout Test: ☐

* Response Mode: (None) ▾

Duplicate Response: ☐

*Application:

(None) ▾

Security Mechanism: (None) ▾

Figure 5-4 Application Lookup

Click on the drop down list to see if your application name and version already exists as shown in Figure 5-5.

* Name: (None)

* Description: app_new1 - app_new1
App1 - Version2
App21 - 12
Azhar Test Application - 6.2.1.3.1.9.8.4.2 Beta
My App - 1.2
new apppp - new

Simulate HTTP Error: (None)

Timeout Test: ☐

* Response Mode: (None)

Duplicate Response: ☐

*Application: App Name - App Version

Security Mechanism: (None) ▾

New Application: ☐

Figure 5-5 Application Drop Down List

If your application name and version is displayed in the drop down list, then you can select it.

If your application name and version is not in the drop down list, then you can add it by clicking the New Application checkbox. Additional fields for the application information will be displayed as shown in Figure 5-6 New ApplicationFigure 5-6.

New Application: ☒


Application Information

***Application Name:**

***Application Version:**

Transport Protocol:


REST
SOAP



ITS Version:

Security Mechanism:

Security Token
SSL Certificates



Session Mechanism:

Special Characteristics:

Figure 5-6 New Application Information

Fill in the fields relevant to the test case.

Mandatory fields

- | | |
|---------------------|---|
| Application Name | - Enter the name of your application |
| Application Version | - Enter the version of your application |

Optional fields

- | | |
|------------------------|--|
| Transport Protocol | - Select the transport protocol of your application |
| ITS Version | - Enter the ITS version of your application |
| Security Mechanism | - Select the security mechanism of your application |
| Session Mechanism | - Enter the session mechanism of your application |
| Special Characteristic | - Enter the special characteristic of your application |

5.1.1.2 Response Mode

The response mode is mandatory.

*** Response Mode:** (None) ▼

Duplicate Response: ☐

Application:

Find

App Name - App Version

Figure 5-7 Response Mode

Click on the drop down list and a selection is displayed. Select any mode except for (None).

Simulate HTTP Error: (None) ▼

Timeout Test: ☐

*** Response Mode:** (None) ▼

Duplicate Response: ☐

Application:

Find

App Name - App Version

Security Mechanism: (None) ▼

New Application: ☐

Figure 5-8 Response Mode Selection List

Selecting the 'Deferred' response mode will prompt you for additional configuration information. The 'Deferred Mode' can be set to REST or SOAP, selecting SOAP requires the Service Name and Port Name

fields.

Deferred Parameters

***Deferred URL:**

*(Soap URL must have WSDL
e.g. http://url?wsdl)*

Deferred Mode: REST ▼

Max Number of Retries:

Deferred Timeout (s):

Figure 5-9 Deferred Parameters – REST

Deferred Parameters

***Deferred URL:**

*(Soap URL must have WSDL
e.g. http://url?wsdl)*

Deferred Mode: SOAP ▼

Soap Parameters

***Service Name:**

***Port Name:**

***Authentication Methods:** SAML ▼

SAML Parameters

***SAML Description:**

Max Number of Retries:

Deferred Timeout (s):

Figure 5-10 Deferred Parameters – SOAP (SAML)

Deferred Parameters

*Deferred URL:

(Soap URL must have WSDL
e.g. http://url?wsdl)

Deferred Mode:

SOAP

Soap Parameters

*Service Name:

*Port Name:

*Authentication Methods:

User Token

User Token Parameters

*Username:

*Password:

Max Number of Retries:

0

Deferred Timeout (s):

30

Figure 5-11 Deferred Parameters - SOAP (User Token)

Mandatory field

- Deferred URL
- Deferred Mode
- Authentication Methods
- Max Number of Retries
- Deferred Timeout (s)
- Service Name (When Deferred Mode is SOAP)
- Port Name (When Deferred Mode is SOAP)
- Authentication Methods(When Deferred Mode is SOAP)
- Username (When Deferred Mode is SOAP and Authentication Method is User Token)
- Password (When Deferred Mode is SOAP and Authentication Method is User Token)
- SAML Description (When Deferred Mode is SOAP and Authentication Method is SAML)

When this test case is executing with 'Immediate' response mode, the TES system will respond synchronously to your application's request with an Application Response.

When this test case is executing with 'Queued' response mode, the TES system will respond synchronously to your application's request with an Accept Ack and place the Application Response into a queue. Your application must use polling to retrieve the message from the queue.

30

When this test case is executing with 'Deferred' response mode, the TES system will respond synchronously to your application's request with an Accept Ack and push the Application Response to your system using the configured Deferred Parameters.

5.1.1.3 Simulate HTTP Error

This option allows you to check the behaviour of your application when it receives an HTTP error. The default for this option is (None).



Figure 5-12 Simulate HTTP Error

Select from one of the choices in the drop down list.

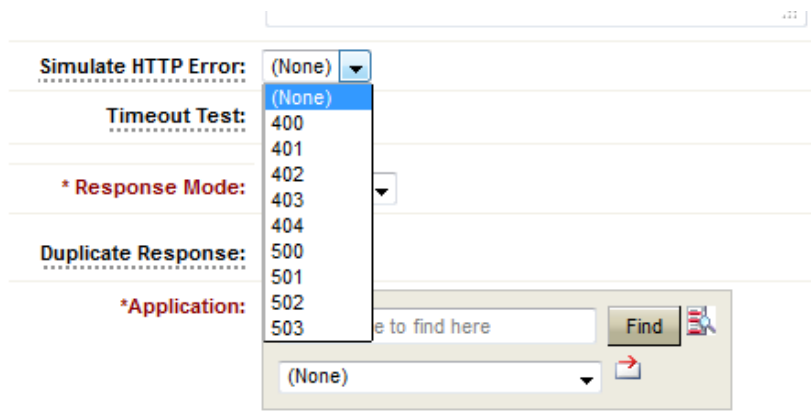


Figure 5-13 Simulate HTTP Error codes

When this test case is executing, the TES system will respond to your application's request(s) with the selected HTTP error.

5.1.1.4 Timeout Test

This option allows you to check the behaviour of your application when it times out waiting for a response. The default for this option is disabled (empty checkbox).

Click on the checkbox to enable the Timeout Test. You will be prompted to enter a Processing Delay time in seconds. The value must be greater than your application's timeout and less than maximum delay specified by administrator in order for this test to work. If the entered value is greater than the maximum delay, a meaningful error message is generated and user promotes to enter a new value based on the maximum delay value presented in error message.



The screenshot shows a configuration interface for a Timeout Test. At the top, there is a dropdown menu labeled "Simulate HTTP Error:" with "(None)" selected. Below this, a red rectangular box highlights the "Timeout Test:" section, which contains a checked checkbox and a text input field labeled "Processing Delay (s):" with the value "0". Below the red box, there is a dropdown menu labeled "* Response Mode:" with "(None)" selected.

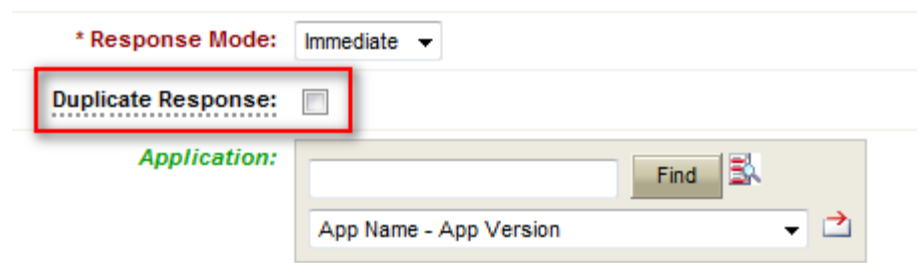
Figure 5-14 Timeout Test

When this test case is executing, the TES system will delay the response to your application's request(s) by the specified time.

5.1.1.5 Duplicate Response

This option allows you to check the behaviour of your application when it receives a duplicate response. The default for this option is disabled (empty checkbox).

Click on the checkbox to enable the Duplicate Response.



The screenshot shows a configuration interface for a Duplicate Response test. At the top, there is a dropdown menu labeled "* Response Mode:" with "Immediate" selected. Below this, a red rectangular box highlights the "Duplicate Response:" section, which contains an unchecked checkbox. Below the red box, there is a section labeled "Application:" with a text input field, a "Find" button, and a dropdown menu labeled "App Name - App Version" with a red arrow icon.

Figure 5-15 Duplicate Response

When this test case is executing, the TES system will send two identical responses to your application's request.

5.1.1.6 Security Mechanism

This option allows you to select the method on how you want to protect your transactions and data. The default for this option is (None).

Select from one of the choices in the drop down list.

Duplicate Response: ☐

***Application:**

Security Mechanism:

New Application:

- Security Token
- SSL Certificates

Figure 5-16 Security Mechanism

When this test case is executing, the TES system will authenticate the EMR system with the security mechanism selected. If the EMR system is authenticated, a secure connection will be established.

5.1.2 Test Case Scenarios

After the initial submission, you must select at least one scenario for the test case ticket. You can select scenarios from the master list, or a jurisdiction/interaction filtered list or a custom grouping/interaction filtered list.

5.1.2.1 Master List

Click on **Select Scenarios** action button and the master scenarios list (i.e. all available scenarios in the TES library) is displayed. Proceed to section 5.1.2.4 for steps to select scenarios.

Aversan Ticket - 238: Kioh Application Test

Figure 5-17 Select Scenarios from Master List

5.1.2.2 Filter by Jurisdiction/Interaction

If jurisdictional scenarios have been loaded into the TES library, you can filter the master scenario list by jurisdiction/interaction. Click on the **Select Jurisdiction** action button.

Aversan Ticket - 238: Kioh Application Test

Figure 5-18 Jurisdiction Selection Action Button

You are presented with the Jurisdiction/Interaction Form. When you select a jurisdiction, only Interactions associated with the selected jurisdiction will be displayed. You can narrow down this filtered list even further by entering an interaction in the text box and clicking the **Find** button.

Figure 5-19 Jurisdiction/Interaction Form (need to show OK)

Select one or more interactions from which you would like to find scenarios and click **OK**.

Figure 5-20 Select Scenario (following Jurisdiction filter)

Note: Select Custom Grouping is no longer available since the Jurisdiction filter has been applied. There is now an Un-Select Jurisdiction button to back out the filtering of the master list.

Click on **Select Scenarios** action button and the available scenarios are displayed. Proceed to section 5.1.2.4 for steps to select scenarios.

5.1.2.3 Filter by Custom Group/Interaction

If custom grouped scenarios have been loaded into the TES library, you can filter the master scenario list by custom grouping. Click on the **Select Custom Grouping** action button.

Figure 5-21 Grouping Selection Action Button

You are presented with the Grouping/Interaction Form. When you select a custom group, only Interactions associated with that custom group will be displayed. You can narrow down this filtered list even further by entering an interaction in the text box and clicking the **Find** button.

Figure 5-22 Grouping/Interaction Form

Select one or more interactions from which you would like to find scenarios and click **OK**.

Figure 5-23 Select Scenario (following Custom Group filter)

Note: Select Jurisdiction is no longer available since the Grouping filter has been applied. There is now an Un-Select Grouping button to back out the filtering of the master list.

Click on **Select Scenarios** action button and the available scenarios are displayed. Proceed to section 5.1.2.4 for steps to select scenarios.

5.1.2.4 Select Scenarios

The Scenario Selection form displays the list of scenarios from which you may choose. The list may be the master list or one of the filtered lists. At this level you should choose an endpoint and assign it to the scenario. Other options at this level are choosing system time which would be equal to current time if not selected by user and relaxed validation field which is set to enable (checked) by default.

Figure 5-24 Scenario Selection Form

5.1.2.4.1 Select Scenario

Click on **find** to see the list of scenarios in the drop down list. If jurisdiction is selected in previous steps, only the filtered list is presented. If no interaction and jurisdiction selected, the master list will be shown in drop down list.

The screenshot shows the 'Select Scenario and Properties' window. The 'Scenario' section has a search box with 'Find' and a dropdown menu showing '(None)'. A red arrow points to the 'Find' button. The 'Endpoint' section has a search box with 'Find' and a dropdown menu showing '000224: Demo Internal—http://aversan.intern'. Below these are fields for 'System Time' (mm/dd/yyyy hh:mm:ss), 'Relaxed Validation' (checked), and 'Message Standard' (None). At the bottom are 'Add Scenario' and 'Delete Scenario' buttons. Below the main window is a 'List of Scenarios' section with a large empty box for 'Scenarios' and a 'Scenario Description: (None)' field.

Figure 5-25 Select Scenarios

Scenario Description and message standard fields are there to give extra information about the selected scenario. Scenario description shows the detail of the selected scenario and message standard field shows the associated message standard with it.

5.1.2.4.2 Select Endpoint

Select endpoints by clicking **find** button beside endpoints single selection box. List of all available endpoints -internal and external- associated with the project and company is shown in the drop down list.

The screenshot shows the 'Select Scenario and Properties' window. The 'Scenario' section has a search box with 'Find' and a dropdown menu showing '(None)'. A red arrow points to the 'Find' button. The 'Endpoint' section has a search box with 'Find' and a dropdown menu showing '000224: Demo Internal—http://aversan.intern'. Below these are fields for 'System Time' (mm/dd/yyyy hh:mm:ss), 'Relaxed Validation' (checked), and 'Message Standard' (None). At the bottom are 'Add Scenario' and 'Delete Scenario' buttons. Below the main window is a 'List of Scenarios' section with a large empty box for 'Scenarios' and a 'Scenario Description: (None)' field.

Figure 5-26 Selecting Endpoint

5.1.2.4.3 System time

This option allows you to override the creationTime in the response message wrapper. The default value of this field is current time. Enter a date/time in the specified format or click on the calendar icon and select a date.

The screenshot shows the 'Select Scenario and Properties' dialog box. It has two main sections: 'Select Scenario and Properties' and 'List of Scenarios'. In the top section, there are fields for 'Scenario' and 'Endpoint', both with 'Find' buttons and dropdown menus. Below these, there is a 'System Time' field with a calendar icon, a 'Relaxed Validation' checkbox (checked), and a 'Message Standard' dropdown (set to 'None'). At the bottom of the top section are 'Add Scenario' and 'Delete Scenario' buttons. The 'List of Scenarios' section below has a 'Scenarios' list box and a 'Scenario Description' field (set to 'None').

Figure 5-27 Selecting Endpoint

5.1.2.4.4 Relaxed Validation

This option allows you to enable or disable Relaxed Message Validation. The default for this option is enabled (checkbox is ticked). Click the checkbox to toggle between enabled and disabled (empty checkbox).

This screenshot is similar to the previous one, showing the 'Select Scenario and Properties' dialog box. In this view, the 'Relaxed Validation' checkbox is highlighted with a red rectangle, indicating it is checked. The 'System Time' field is now empty, and the 'Endpoint' field remains '000224: Demo Internal---http://averson.intern'. The rest of the interface is identical to the previous screenshot.

Figure 5-28 Relaxed Validation

When this test case is executing with Relaxed Message Validation enabled, only the trivial code values of the request message will be validated with the Primary Validator, and the Secondary Validator will not be triggered.

When this test case is executing with Relaxed Message Validation disabled, **ALL** the code values of the message will be validated with the Primary Validator, and the message data will be validated against test data with the Secondary Validator.

5.1.2.4.5 Add Scenario

After selection desired scenario, endpoint, system time and relaxed validation, click on **Add Scenario** button. You will see the list of all selected attributes (scenario, endpoint, system time, message standard and relaxed validation) in the list box.

The screenshot shows a software interface for configuring test scenarios. The top section, titled 'Select Scenario and Properties', contains several input fields: 'Scenario' (set to '(None)'), 'Endpoint' (set to '000224: Demo Internal—http://aversan.intern'), 'System Time' (empty), 'Relaxed Validation' (checked), and 'Message Standard' (set to '(None)'). Below these fields are two buttons: 'Add Scenario' (highlighted with a red rectangle) and 'Delete Scenario'. The bottom section, titled 'List of Scenarios', shows an empty list box for scenarios and a 'Scenario Description' field set to '(None)'.

Figure 5-29 Add Scenario

Each scenario from the scenario drop down list could be selected only once. This means you cannot add the same scenario with different endpoint to the list.

5.1.2.4.6 Order Scenario

In the list box, select the scenario that you want to move.

Click the **Up Arrow** button until the scenario moves up to the desired position.

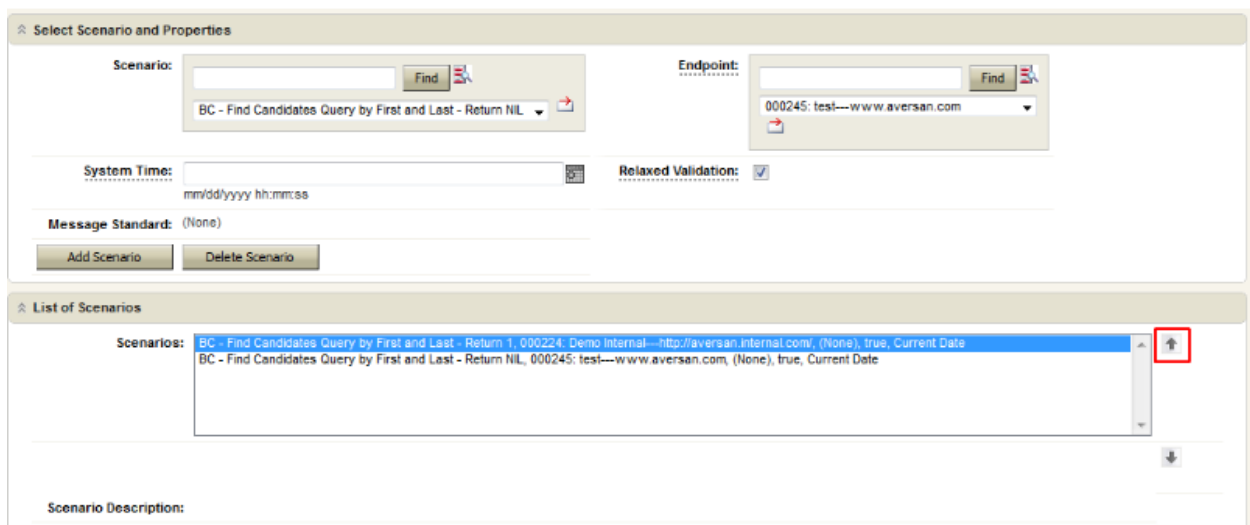


Figure 5-30 Move up scenario

Click the **Down Arrow** button until the scenario moves down to the desired position.

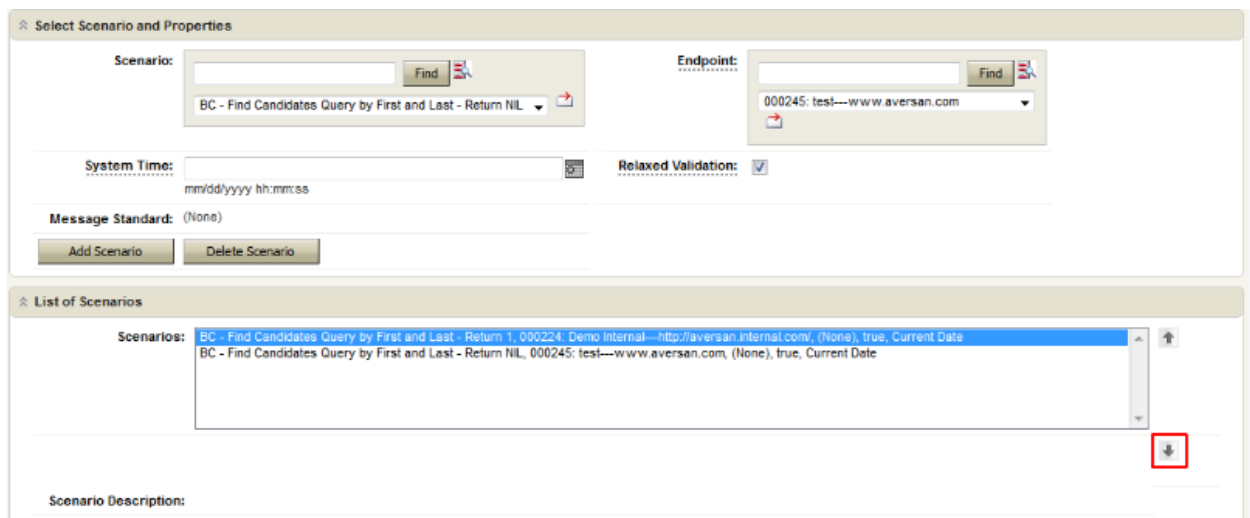


Figure 5-31 Move down scenario

5.1.2.4.7 Remove Scenario

In the list box, select the scenario that you want to remove. Click on the **Delete Scenario** button and the selected scenario is deleted from the list.

Select Scenario and Properties

Scenario: Enter value to find here Find (None)

Endpoint: Enter value to find here Find 000224: Demo Internal--http://aversan.intern

System Time: mm/dd/yyyy hh:mm:ss

Message Standard: (None)

Relaxed Validation: ☒

Add Scenario Delete Scenario

List of Scenarios

Scenarios:

Scenario Description: (None)

Figure 5-16 Remove scenario

Click **OK** when you are finished with selecting and ordering scenarios. The display returns to the Test Case View.

Click on the **Data Set** tab to review the selected scenarios.

Copy Test Defined Un-Select Scenarios Re-Select Scenarios Update Actions:

Clear User Queue

Standard Data Set Report Change History State Change History

Ticket Id: 101695

Name: Test Ticket 123

Description: Test Ticket 123

Simulate HTTP Error: (None)

Timeout Test: (Not Checked)

Response Mode: Immediate

Duplicate Response: (Not Checked)

Application: App Name - App Version

App- Transport Protocol: (None)

App- Security Mechanism: (None)

Security Mechanism: (None)

User: Kazemi, Samira

Company: Aversan

Test Start Time:

Test End Time:

Parent Ticket: (None)

TES Version: 1.0.5-SNAPSHOT

Figure 5-17 Data Set Tab

5.1.3 Finalize Test Case Definition

A test case needs to be finalized before it can be executed. Once a Test has been finalized, you cannot update the Data Set elements.

Click on the **Test Defined** action button.

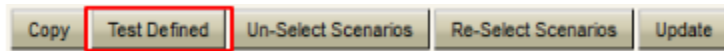


Figure 5-18 Test Defined Action button

A ***Download Data*** link will appear by the **Library Data Link** field as shown in Figure 5-35.

5.2 Download Test Case Data

Based on the selected scenario(s), the request(s) from your application is expected to contain specific information. Click on the **Download Data** link and you will be prompted to download a compressed data file using a “testID_Data.zip” naming convention.

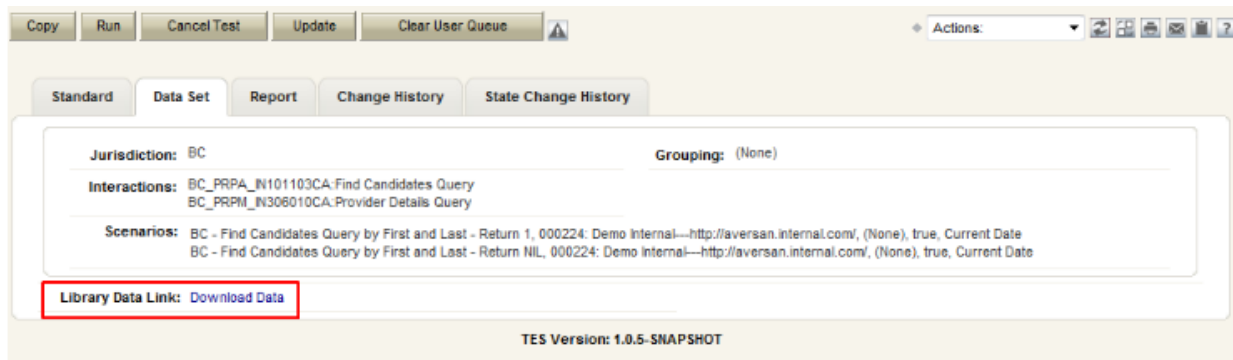


Figure 5-19 Library Data Link

Browse to the download location and uncompress the data file. There should be one data file per scenario (request).

The requests created by your application must contain specific data so you need to get those data entered into the application.

5.3 Execute Test Case

Click on the **Run** action button to start the test.

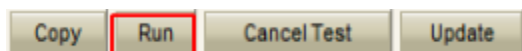


Figure 5-20 Run Action button

Now the TES system is ready to accept request(s) from your application. Trigger your application to send the request(s) in the order as selected.

5.4 Cancel Test Case

You can cancel a test by clicking the “Cancel Test” button.

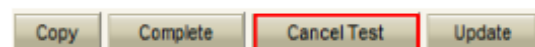


Figure 5-21 Cancel Test Action button

5.5 Delete a Test Case

This button is only displayed to users with admin privileges.

Click the **Delete** action button to delete a test case.

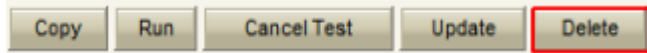


Figure 5-22 Delete Action button

You will be prompted to confirm the delete action with a confirmation message.



Figure 5-23 Delete Confirmation Message

5.6 Copy a Test Case

Click on the **Copy** action button to make a copy of an existing Test Case.

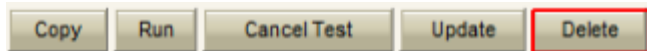


Figure 5-24 Copy Action button

Copying a Test Case will prompt the user with a new ticket submission form with fields already populated with the configuration as the original ticket. Once submitted, the ticket will be created and will need to go through the standard ticket workflow as if the ticket was created using the “Submit” action.

5.7 Search for Test Case(s)

There are several methods to perform a search for test cases. The simplest method is a search by keyword.

Click on the Search action and the Search by Keyword(s) page is displayed.

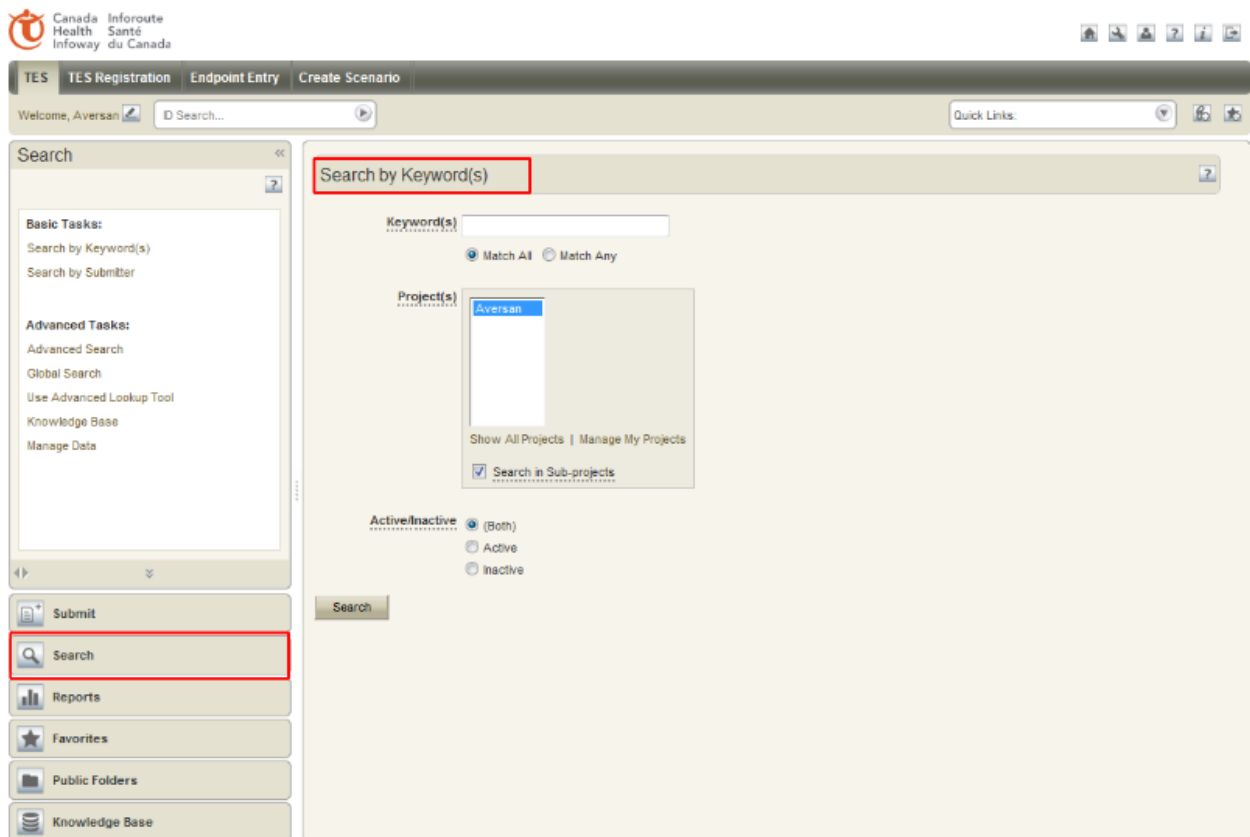


Figure 5-25 Search by Keyword(s)

Click on the Advanced Search action under Advance Tasks and the Advanced Search page is displayed.

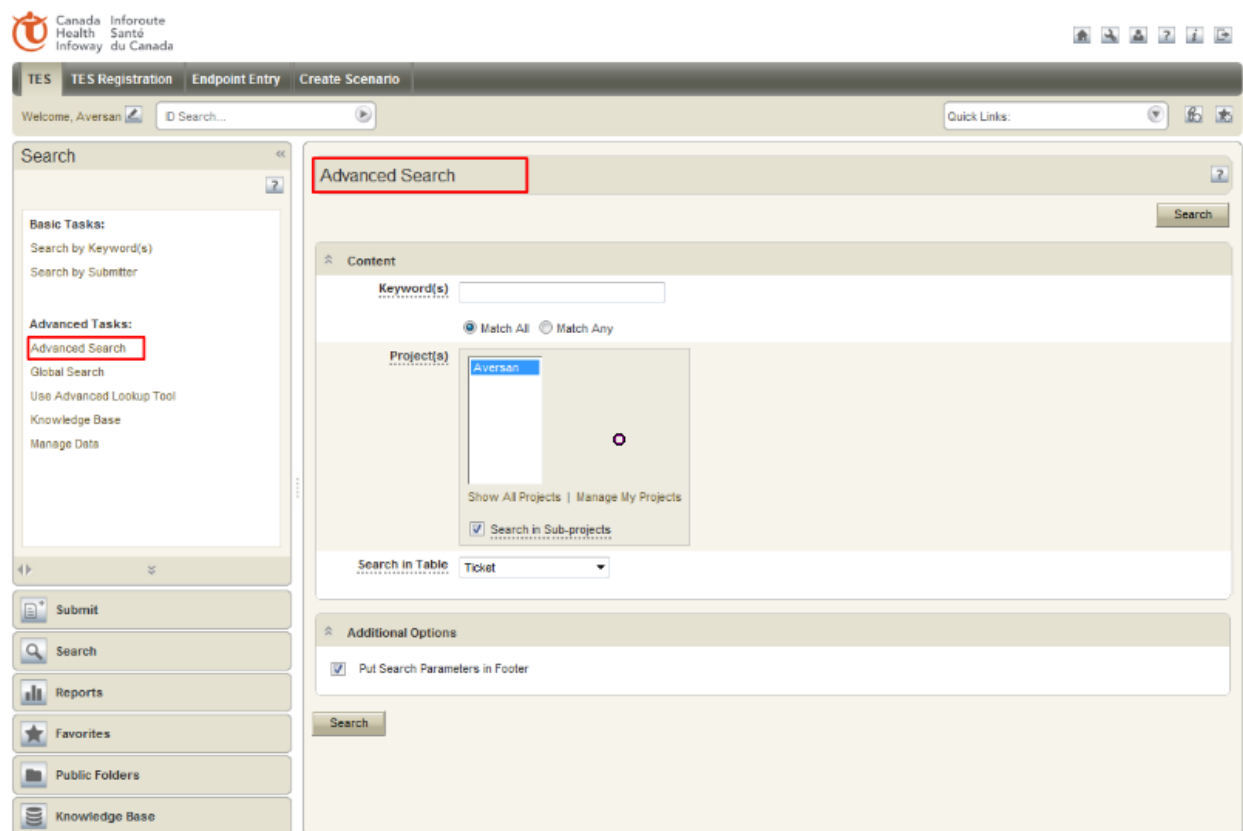


Figure 5-26 Advanced Search

Click on the Global Search action under Advance Tasks and the Global Search page is displayed.

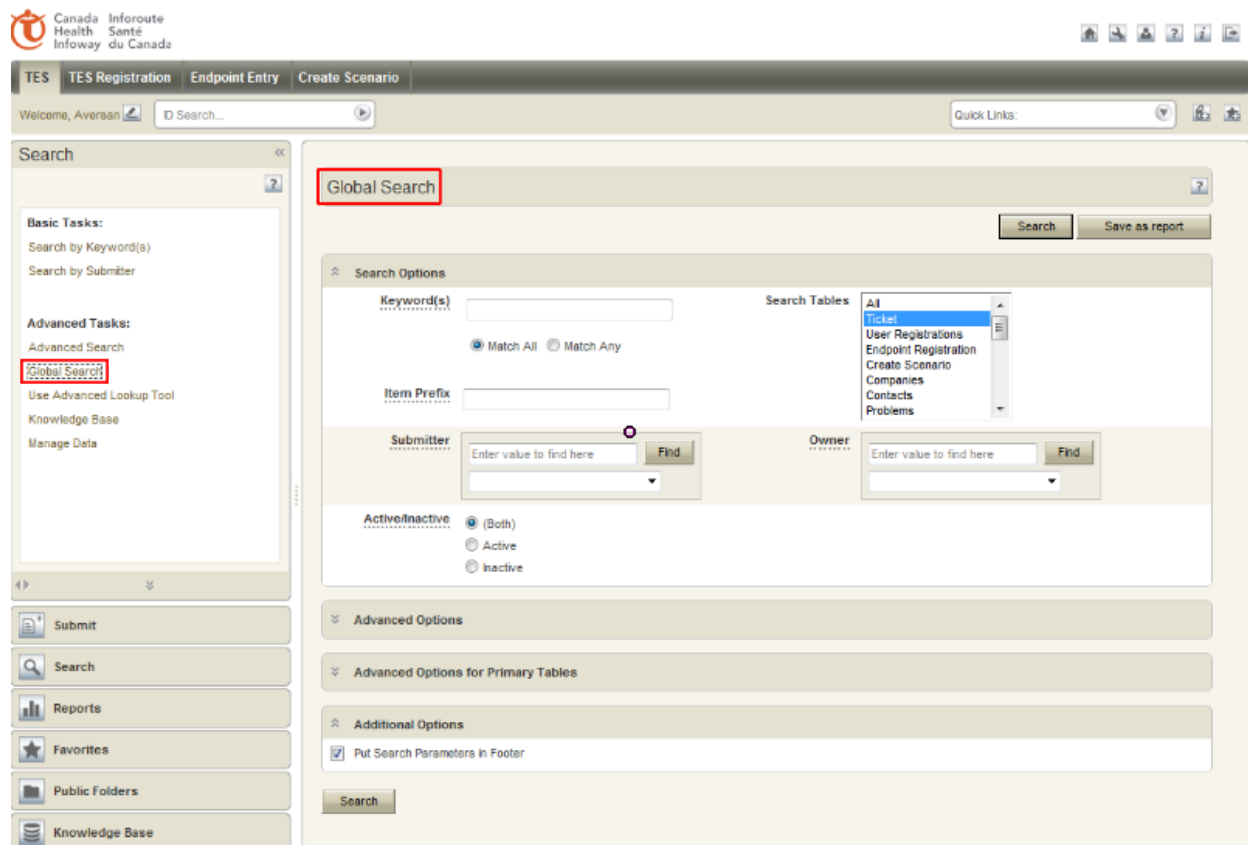


Figure 5-27 Global Search

5.8 Re-Run Test Cases

Click on the **Re-Run** action button to re-run a “completed” Test Case.

NOTE: Re-run will re-initialize all the test results for the previous run. The results from the previous run must be printed or saved if a record of the results is required.



Figure 5-28 Re-Run Action button

Re-Run a test case will re-initialize all the test results for that test case, and TES system is ready to accept request(s) from your application again. Trigger your application to send the request(s) in the order as selected.

6 Test Reports

6.1 Accessing a Test Report via a Test Ticket

A test report can be accessed within a test case ticket by clicking on the **View Report** link in the Report tab as shown in Figure 6-1. A new window will open and display a Report Main Page containing the test case from which the test report was accessed, as shown in Figure 6-6.

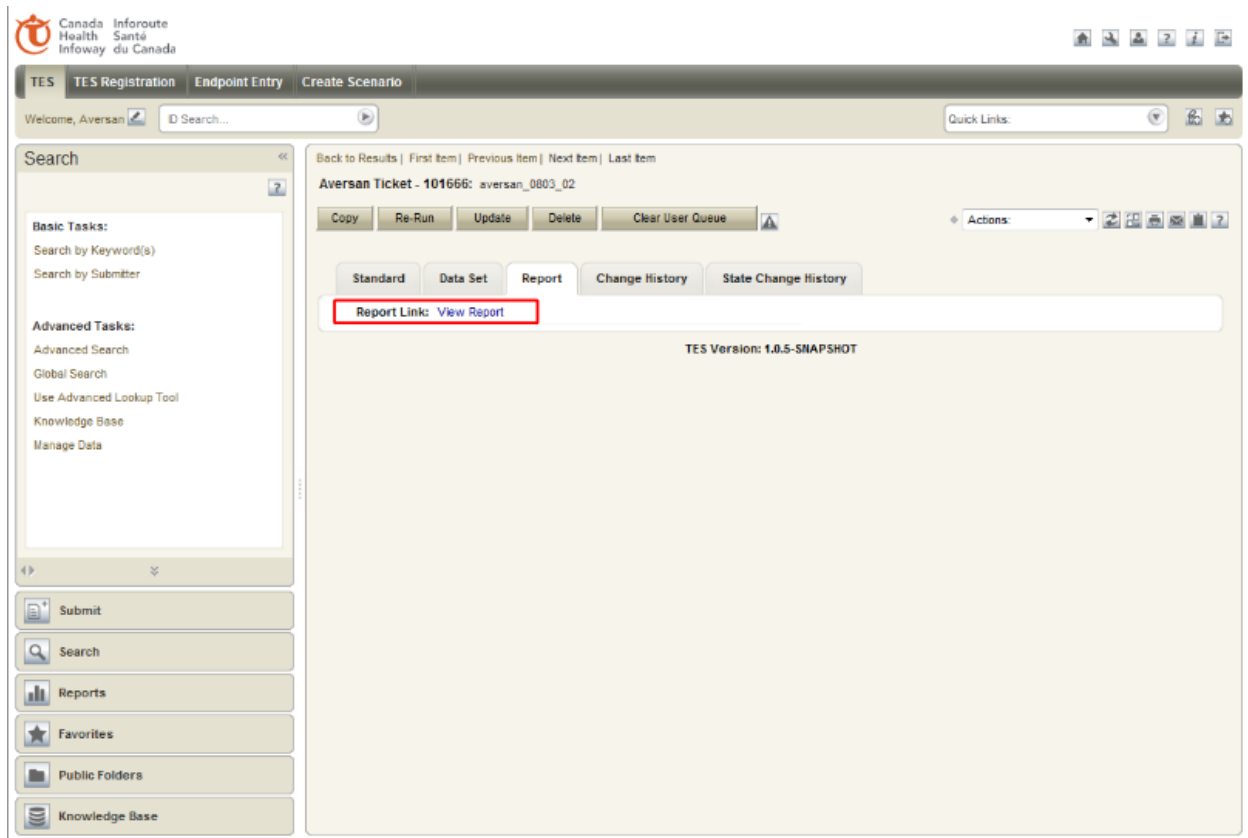


Figure 6-1 View Report Link

6.2 Accessing Test Reports via a Report of Test Tickets

The test report for other test cases can be accessed within the “Reports” feature.

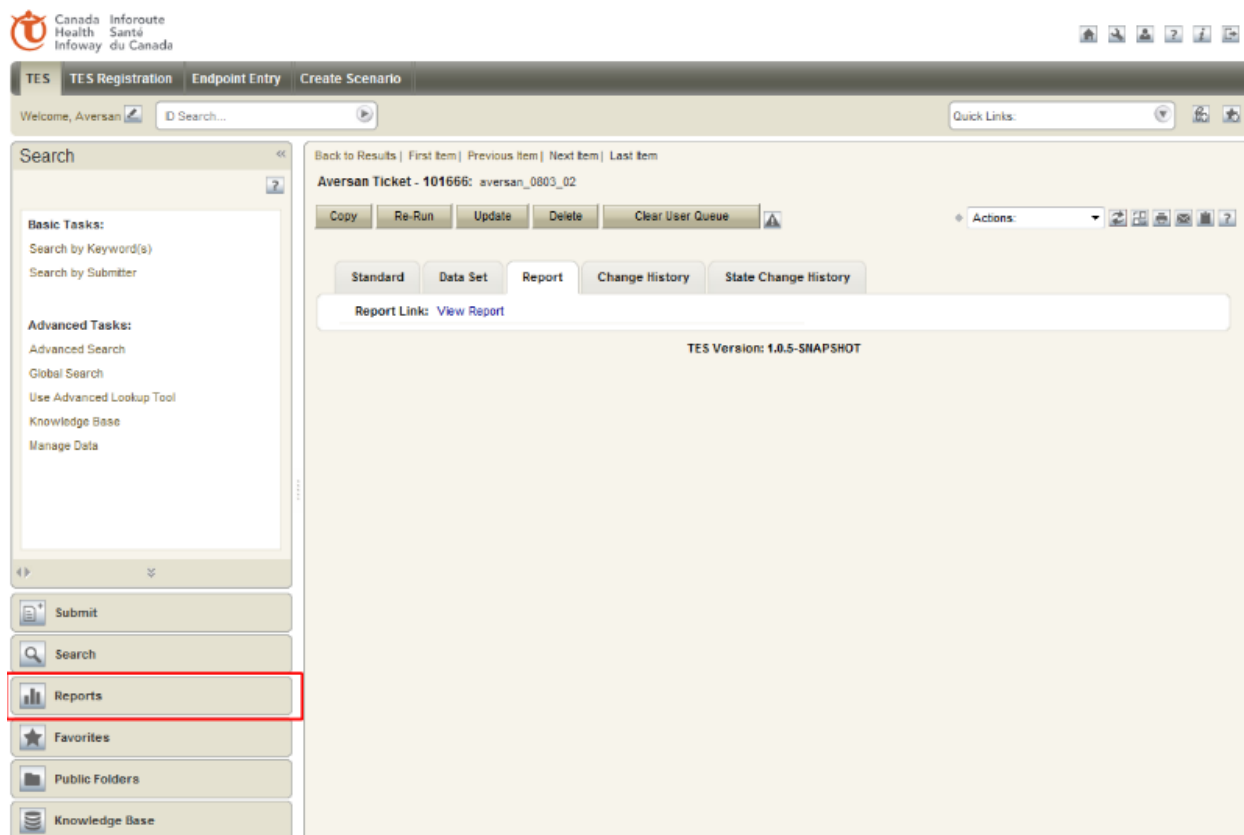


Figure 6-2 Reports Menu Item

Click on the **Reports** option and a list of report choices is displayed as shown in Figure 6-3. In this case, there is only one choice.

Click on the report choice and the search criteria for the report is displayed as shown in Figure 6-4.

Select the criteria and click the **Run Report** button. A list of test cases meeting the search criteria is displayed as shown in Figure 6-5.

TES

TES Registration

Endpoint Entry

Create Scenario

Welcome, Aversan

ID Search...

Quick Links:

Reports

Basic Tasks:

Show me my Reports

Find Reports

Create Report

Advanced Tasks:

Browse Application Reports

External reports

Browse Built-In Reports

Browse System Reports

Submit

Search

Reports

Favorites

Public Folders

Knowledge Base

My Reports

Now showing items 1 - 2 of 2

TES (Ticket)

	Title	Privilege Category	Created	Author	Last Modified	Last Modifier	Last Run
	Application Error Report	Guest	03/31/2011	Aversan	03/31/2011	Aversan	08/15/2012

TES > Ontario > Vendor A (Ticket)

	Title	Privilege Category	Created	Author	Last Modified	Last Modifier	Last Run
	Test Activity Report	Guest	03/21/2011	Aversan	03/22/2011	Aversan	08/15/2012

Check All | Uncheck All | Requery

Create Link in -->

Delete Selected Reports

Figure 6-3 Report List

Reports

Basic Tasks:

Show me my Reports

Find Reports

Advanced Tasks:

Browse Application Reports

Browse Built-In Reports

Submit

Search

Reports

Favorites

Public Folders

Search by State - Aversan

02/14/2011 03:58:27 PM

This report requires selection of query parameters.

Please set the parameters shown below, and click Run Report when you are finished.

State in

Cancelled

Completed

Created

Grouping Selected

Jurisdiction Selected

Completed

Run Report

Figure 6-4 Search Criteria

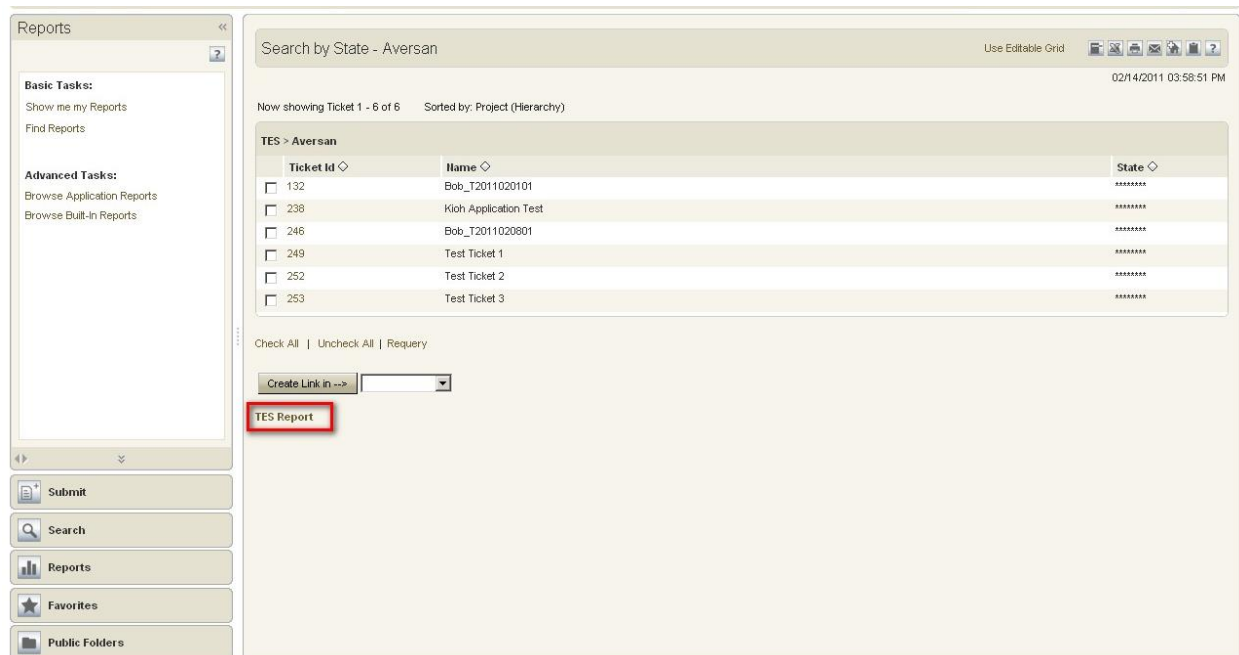


Figure 6-5 TES Report Link (need updated screen shot)


Each report will have a “TES Report” link located at the bottom of the page.

Click on the **View TES Report** button to view the test reports for these test case tickets. A new window will open and display a Report Main Page containing multiple test reports as shown in Figure 6-7.

6.3 View Test Reports

6.3.1 Test Report Main Page

When accessed from a test case ticket, the test report main page will display a single test report.



Canada Inforoute
Health Santé
Infoway du Canada

Generated on: Thu Mar 17 01:39:14 GMT+05:00 2011

Save

Print

Settings

Logout

Ticket #	Test Name	Test Description	Date Created	Date Completed	Result
750	test ticket 1234567890	test ticket 1234567890	2011/03/07 16:55:23	2011/03/07 17:02:45	✗

Figure 6-6 Test Report Main Page (Single Test)

When accessed from a report of test case tickets, the test report main page may display multiple test reports.



Canada Inforoute
Health Santé
Infoway du Canada

Generated on: Thu Mar 17 01:59:11 GMT+05:00 2011

Save

Print

Settings

Logout

720	ticket3	ticket1	2011/03/04 15:57:22	-	✗
750	test ticket 1234567890	test ticket 1234567890	2011/03/07 16:55:23	2011/03/07 17:02:45	✗
780	Aversan Test Ticket #4	Aversan Test Ticket #4	-	-	✓

Figure 6-7 Test Report Main Page (Multiple Tests)

Click on the test case name to access the Test Ticket Details Page as shown in

Azhar's Test Ticket - Details

Azhar's Test Ticket

BC - Find Candidates Query by First and Last - Return 1

Azhar's Test Ticket Details

Test Result: Incomplete

Test Name: Azhar's Test Ticket

Test Description: this is a test ticket i created to test the reporting webapp

of Passed Scenarios: 0

of Failed Scenarios: 0

of Incomplete Scenarios: 1

Total # of Scenarios: 1

Start Date: -

End Date: -

Azhar's Test Ticket Performance

Messages Received: 1

Messages Sent: 1

Processing Time: 0.00s

Execution Time: 170069.00s

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Figure 6-8 and Figure 6-9.

Click on the test case result to access the Test Ticket Summary Page as shown in Figure 6-10 and Figure 6-11.

6.3.2 Test Ticket Details Page

Azhar's Test Ticket - Details

Azhar's Test Ticket

BC - Find Candidates Query by First and Last - Return 1

Azhar's Test Ticket Details

Test Result: Incomplete

Test Name: Azhar's Test Ticket

Test Description: this is a test ticket i created to test the reporting webapp

of Passed Scenarios: 0

of Failed Scenarios: 0

of Incomplete Scenarios: 1

Total # of Scenarios: 1

Start Date: -

End Date: -

Azhar's Test Ticket Performance

Messages Received: 1

Messages Sent: 1

Processing Time: 0.00s

Execution Time: 170069.00s

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Figure 6-8 Test Ticket Details (Single Scenario Test Case)

test ticket 1234567890 - Details

✖ test ticket 1234567890

✖ BC - Find Candidates Query by
First and Last - Return 1

✖ BC - Find Candidates Query by
First and Last - Return NIL

test ticket 1234567890 Details

Test Result: ✖ Fail

Test Name: test ticket 1234567890

Test Description: test ticket 1234567890

of Passed Scenarios: 0

of Failed Scenarios: 2

of Incomplete Scenarios: 0

Total # of Scenarios: 2

Start Date: 2011/03/07 16:55:23

End Date: 2011/03/07 17:02:45

test ticket 1234567890 Performance

Messages Received: 2

Messages Sent: 2

Processing Time: 89.00s

Execution Time: 155.00s

Figure 6-9 Test Ticket Details (Multiple Scenario Test Case)

The ticket details page shows general information about the ticket, such as the test name, description, the number of scenarios associated with the ticket, the number of scenarios that passed and failed and some performance statistics. Essentially it is a brief overview of how the test performed. The user may click the Test Result value to view the ticket summary, which provides an overview of validation failures as shown in Figure 6-10.

Click on a Scenario and the Scenario Page is displayed as shown in Figure 6-12.

6.3.3 Test Ticket Summary Page

Azhar's Test Ticket - Summary

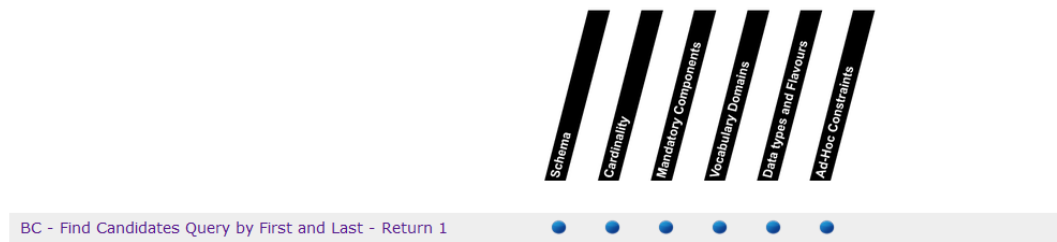


Figure 6-10 Test Ticket Summary (Single Scenario Test Case)

Home > test ticket 1234567890 > Ticket Summary

test ticket 1234567890 - Summary

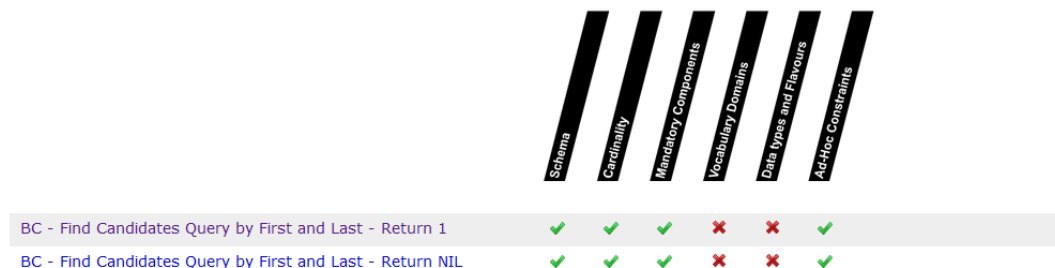


Figure 6-11 Test Ticket Summary (Multiple Scenario Test Case)

The Ticket Summary page displays an overview of the validation performed by Message Builder. It provides the user with the ability to narrow down the reason for validation failures. The test must pass all validation(s) on all scenarios to receive an overall pass.

Click on a Scenario and the Scenario Page is displayed as shown in Figure 6-12.

6.3.4 Scenario Page

BC - Find Candidates Query by First and Last - Return 1

The screenshot displays the 'Scenario Page' for a test ticket. On the left, a sidebar lists two scenarios, both marked with a red 'X' icon: 'BC - Find Candidates Query by First and Last - Return 1' and 'BC - Find Candidates Query by First and Last - Return NIL'. The main area features a tabbed interface with five tabs: 'Details' (selected), 'Assertions', 'Request', 'Response', and 'Logs & Errors'. The 'Details' tab shows the following information:

Field	Value
Scenario Result:	✗ Fail
Scenario Name:	BC - Find Candidates Query by First and Last - Return 1
Scenario Description:	this is a description
Interaction ID:	PRPA_IN101103CA - Find Candidates Query
Jurisdiction:	BC
Request Message Received:	-
Response Message Sent:	-

Figure 6-12 Scenario Page (Multiple Scenario Test Case)

The Scenario page has 5 tabs: Details, Assertions, Request, Response and Logs & Errors.

Information in tabs is for the single scenario listed.

For the tickets that have multiple scenarios, navigate between the scenarios by clicking on any of the scenarios from the left hand menu bar. When switching scenarios, the default tab displayed is Details.

The Details tab displays such information related to the scenario.

The Assertions tab displays the assertion results from the primary and secondary validation.

The Request tab displays the request message that was received by the TES test harness for that particular scenario.

The Response tab contains the message that was sent out by the TES test harness in response to the request.

The Logs & Errors tab represents any log statements or errors which have been logged for that particular scenario.

The user can go directly to any of these tabs by simply clicking on them. There is no restriction on the order on which to click the tabs. Simply click on any of the tabs that you wish to view.

6.3.4.1 Details Tab

The Details tab displays the following information.

Scenario Result

The result of the scenario as determined by the validation performed by Message Builder and any secondary validation components. A scenario result can be one of three values: Pass, Fail or Incomplete.

Scenario Name

The name given to the scenario to help the user identify the actions performed by the scenario

Scenario Description

A brief description of the scenario

Interaction ID

The ID that represents the interaction simulated by the test harness.

Jurisdiction

The jurisdiction to which this interaction belongs

Request Message Received

The date and time of when the request message was received

Response Message Sent

The date and time of when the response message was sent out

BC - Find Candidates Query by First and Last - Return 1

The screenshot shows a web interface for a test harness. On the left, there is a sidebar with a header 'Azhar's Test Ticket' and a list item 'BC - Find Candidates Query by First and Last - Return 1'. The main area has a tabbed interface with five tabs: 'Details' (active), 'Assertions', 'Request', 'Response', and 'Logs & Errors'. The 'Details' tab is selected, showing the following information:

Scenario Result:	● Incomplete
Scenario Name:	BC - Find Candidates Query by First and Last - Return 1
Scenario Description:	this is a description
Interaction ID:	PRPA_IN101103CA - Find Candidates Query
Jurisdiction:	BC
Request Message Received:	-
Response Message Sent:	-

Figure 6-13 Details Tab (Single Scenario Test Case)

The green checkmark conveys to the user at a glance that the scenario has passed, while a red x and a blue circle represent a failure and incomplete result respectively.

6.3.4.2 Assertion Tab

The Assertions tab displays the results from the primary and secondary validations. The error are displayed at the top and indicated with a red 'x'.

pC_PRPA_IN101101CA_Return_1_N_Ex001

✖ Bob_T2011031702

✖ pC_PRPA_IN101101CA_Return_1_N_Ex001

DetailsAssertionsRequestResponseLogs & Errors

Assertion Results

Actual Result	Expected Result	Element Location
✖ SYNTAX_ERROR: Unknown child element "realmCode" will be ignored.	N/A	/PRPA_IN101101CA/realmCode
Message Builder Validator ran successfully	Message Builder Validator ran successfully	N/A
II	II	//hl7v3:PRPA_IN101101CA[1]/hl7v3:controlActEvent[1]/hl7v3:author[1]/hl7v3:assignedEntity1[1]/hl7v3:id[1]/@xsi:type
PSN	PSN	//hl7v3:PRPA_IN101101CA[1]/hl7v3:controlActEvent[1]/hl7v3:author[1]/hl7v3:assignedEntity1[1]/hl7v3:assignedPerson[1]/@classCode
INSTANCE	INSTANCE	//hl7v3:PRPA_IN101101CA[1]/hl7v3:controlActEvent[1]/hl7v3:author

Figure 6-14 Assertion Tab (Single Scenario Test Case)

6.3.4.3 Request Message Tab

The Request tab displays the actual request message and the following information.

Message Received

The date and time of when the message was received

Validation Errors

The number of errors detected by the test harness in the this message

pC_PRPA_IN101101CA_Return_1_N_Ex001

The screenshot shows a software interface with a sidebar on the left and a main content area. The sidebar contains two items: 'Bob_T2011031702' with a red 'X' icon and 'pC_PRPA_IN101101CA_Return_1_N_Ex001' with a red 'X' icon. The main content area has a tabbed interface with five tabs: 'Details', 'Assertions', 'Request' (selected), 'Response', and 'Logs & Errors'. The 'Request' tab is active and displays the following information:

Request Message

Message Received: 2011/03/29 12:51:39 EDT
Validation Errors: 1

The XML message content is displayed in a text area with line numbers 1 through 24 on the left:

```
1 <PRPA_IN101101CA xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
2   ITSVersion="XML_1.0">
3   <realmCode code="CA"/>
4   <id root="0b629190-6292-11de-8a39-0800200c9a66"/>
5   <creationTime value="20090626113503.444-0600"/>
6   <responseModeCode code="I"/>
7   <versionCode code="V3-2008N"/>
8   <interactionId root="2.16.840.1.113883.1.18" extension="PRPA_IN101103CA" displayable="true"/>
9   <profileId uses="BUS" root="2.16.840.1.113883.2.20.2" extension="R02.04.02"/>
10  <processingCode code="D"/>
11  <processingModeCode code="T"/>
12  <acceptAckCode code="NE"/>
13  <receiver typeCode="RCV">
14    <telecom value="http://www.albertahealthservices.ca/clientregistry"/>
15    <device classCode="DEV" determinerCode="INSTANCE">
16      <id use="BUS" root="2.16.840.1.113883.19.1.2.600.2" extension="AB-CR"/>
17      <name>Alberta CR</name>
18    </device>
19  </receiver>
20  <sender typeCode="SND">
21    <telecom value="http://www.albertahealthservices.ca/pos/black"/>
22    <device classCode="DEV" determinerCode="INSTANCE">
23      <id use="BUS" root="2.16.840.1.113883.19.1.2.600.1" extension="EMR-0001"/>
24      <name>Dr. Black's EMR</name>
```

Figure 6-15 Request Message Tab (Single Scenario Test Case)

6.3.4.4 Response Message Tab

The Response tab displays the actual response message and the following information.

Message Sent

The date and time of when the response message was sent out by the test harness

BC - Find Candidates Query by First and Last - Return 1

Azhar's Test Ticket

BC - Find Candidates Query by First and Last - Return 1

Details

Assertions

Request

Response

Logs & Errors

Response Message

Message Sent: 2011/01/18 02:50:12

```
1  <PRPA_IN101103CA xmlns="urn:hl7-org:v3" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
2  ITSVersion="XML_1.0">
3  <realmCode code="CA"/> <!--this is a test comment-->
4  <id root="3e1fa210-6280-11de-8a39-0800200c9a66" use="II.BUS"/>
5  <creationTime value="20090626113502.980-0600"/>
6  <responseModeCode code="I"/>
7  <versionCode code="V3-2008N"/>
8  <interactionId root="2.16.840.1.113883.1.18" extension="PRPA_IN101103CA" displayable="true"
9  <profileId use="BUS" root="2.16.840.1.113883.2.20.2" extension="R02.04.02"/>
10 <processingCode code="D"/>
11 <processingModeCode code="T"/> <!--this is a test comment-->
12 <acceptAckCode code="NE"/>
13 <receiver typeCode="RCV">
14   <telecom value="http://www.albertahealthservices.ca/clientregistry"/>
15   <device classCode="DFV" determinerCode="TNSTANCF">
```

Figure 6-16 Response Message Tab (Single Scenario Test Case)

6.3.4.5 Logs & Errors Tab

The Logs & Errors tab displays any log statements or errors that were encountered while processing this scenario. The logged information includes a timestamp, the component where the error occurred, an error type code and a message. This allows the user to identify where the error, if any, occurred and possibly how to resolve it.

BC - Find Candidates Query by First and Last - Return 1

Azhar's Test Ticket

BC - Find Candidates Query by First and Last - Return 1

Details

Assertions

Request

Response

Logs & Errors

Logs & Error(s)

of Log Statements: 9

1	[2011/02/09 12:15:55]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
2	[2011/02/09 12:16:39]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
3	[2011/02/09 12:16:53]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
4	[2011/02/09 12:17:04]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
5	[2011/02/09 12:19:04]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
6	[2011/02/09 12:19:13]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
7	[2011/02/09 12:33:22]	[Test Component]	[Message Code Used for Testing]: Test Message for Unit Tes
8	[2011/02/11 11:30:14]	[Test Component]	[System Error]: testLogStore
9	[2011/02/11 11:30:24]	[Test Component]	[System Error]: testLogStore

Figure 6-17 Logs & Errors Tab (Single Scenario Test Case)

6.4 Print a Test Report

The test report print function can be accessed from any of the reporting page.

Click the print button and the option to select which parts of the report to print is displayed.

Click on the Report Main Page checkbox will select the all pages.

Click on the scenario checkbox to select the scenario and its subsections.

Click on the Print Report button. The system will generate a print friendly view and automatically load the print screen.

Please select the item(s) you would like to Print

- ▼ ☐ Report Main Page
 - ▼ ☐ test ticket 1234567890 Details (**Ticket #750**)
 - ☐ test ticket 1234567890 Summary
 - ▼ ☐ BC - Find Candidates Query by First and Last - Return 1 Details
 - ☐ Assertions
 - ☐ Request
 - ☐ Response
 - ☐ Logs & Errors
 - ▼ ☐ BC - Find Candidates Query by First and Last - Return NIL Details
 - ☐ Assertions
 - ☐ Request
 - ☐ Response
 - ☐ Logs & Errors

Figure 6-18 Print Request form (Multiple Scenario Test Case)

On the print screen, select the printer and click Print.

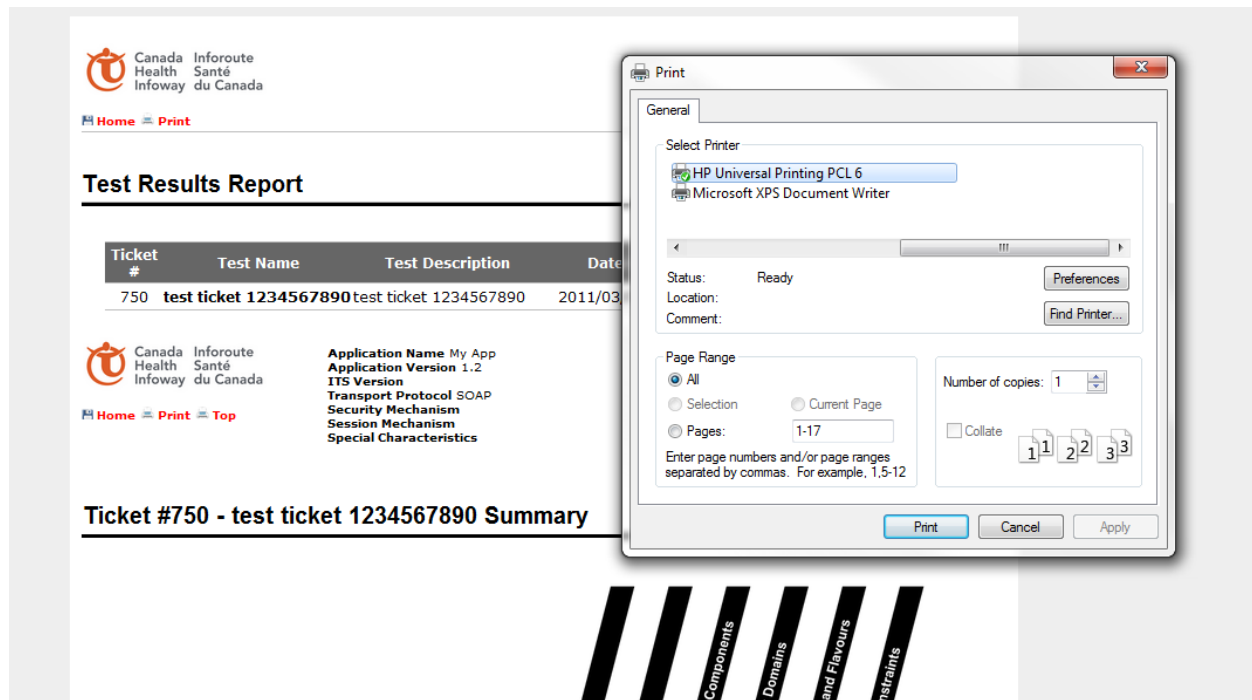


Figure 6-19 Print friendly view

6.5 Save a Test Report

The test report save function can be accessed from any of the reporting page.

Click the Save button and the option to select which parts of the report to save is displayed.

Click on the Report Main Page checkbox will select the all pages.

Click on the scenario checkbox to select the scenario and its subsections.

Click Save Report button.

Please select the item(s) you would like to Save

- ▼ ☐ Report Main Page
 - ▼ ☐ test ticket 1234567890 Details **(Ticket #750)**
 - ☐ test ticket 1234567890 Summary
 - ▼ ☐ BC - Find Candidates Query by First and Last - Return 1 Details
 - ☐ Assertions
 - ☐ Request
 - ☐ Response
 - ☐ Logs & Errors
 - ▼ ☐ BC - Find Candidates Query by First and Last - Return NIL Details
 - ☐ Assertions
 - ☐ Request
 - ☐ Response
 - ☐ Logs & Errors

Figure 6-20 Save Request form (Multiple Scenario Test Case)

The system will show a progress bar to identify its progress. It is recommended that the user not click the browser back, home or refresh buttons during the saving process.

Please Wait while report is being generated.

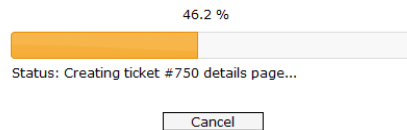



Figure 6-21 Report saving in progress

When the report generation is complete, the option to download the report will be displayed.

Click on Download Report link.

 Success: Report generation was completed successfully. [Download Report.](#)

 [Home](#)

Figure 6-22 Download Report

While downloading, the user is free to go back to the home page and view other aspects of the report. Depending on the browser, the user may not be able to close the browser window as the download may get cancelled. So as a best practice, the user should leave the browser window open until download is complete.

The downloaded file will be in a Zip format. This is a compressed file which contains many files within it. The user will require a software application such as WinZip, WinRar or 7Zip to unpack the files and view the report. The user should extract the files and select the index.html file to load the report. If the user chose to download only specific sections of the report, the user will need to go into the Source folder and click on the file that represents the section that was downloaded.

7 Endpoint Entry

Endpoint Entry tab is visible to users with appropriate privileges. Those users can create and update endpoints. A created endpoint cannot be deleted but can be modified and updated right after creation or later on by searching for it using “Search” link on the right pane.

7.1 Create an Endpoint Entry

An Endpoint Entry requires you to fill in the endpoint details and choose a company to assign the endpoint to. Newly created endpoints can be used in test case creation during the scenario selection stage.

Follow the steps below to create a new endpoint.

Click on the “Submit” button located in the main page or the one located on the left side panel.

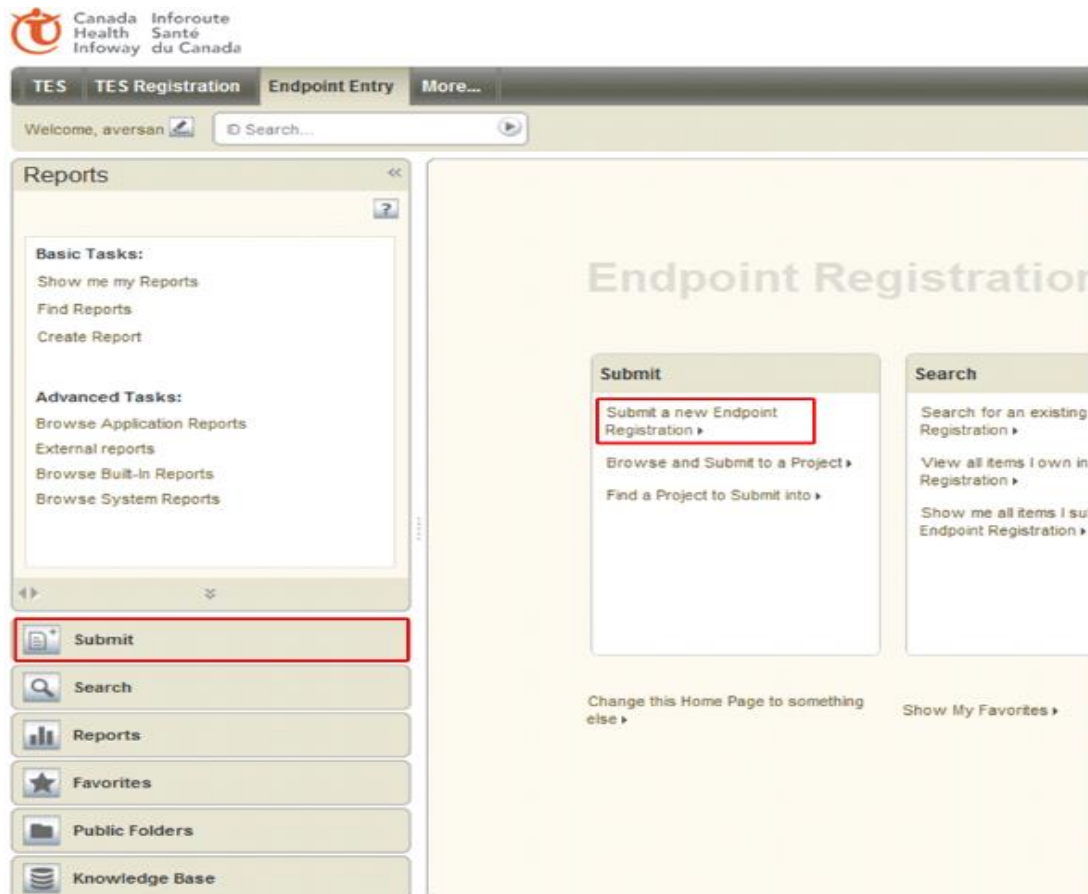


Figure 7-1 Submit Button

Endpoint creation form is displayed with required filed highlighted in red as shown in Figure 7-2.

Figure 7-2 Initial Endpoint Entry Form

In this form detail are entered or selected. Refer to the following subsections for more details on each field.

Mandatory Fields

Endpoint Name	-Enter the name of your Endpoint
Description	-Enter description of your Endpoint
Endpoint URL	-Enter URL of your Endpoint
Transport Protocol	-Refer to section 7.1.1.1

Optional Fields

Internal Endpoint	-Refer to section 7.1.1.2
Company	-Refer to section 7.1.1.3
Property Name	-Refer to section 7.1.1.4

Property Value

-Refer to section 7.1.1.4

Present values for each field and click **OK**. The system will display a view of the newly created endpoint. You may review the entered data and update any of the values by clicking **Update** button in the Actions.

Canada Inforoute
Health Santé
Infoway du Canada

TES TES Registration Endpoint Entry Create Scenario

Welcome, aversan Search...

Quick Links:

Submit

Basic Tasks:
Submit to my Preferred Projects

Advanced Tasks:
Browse and Submit to a Project
Find a Project to Submit into
Manage My Projects

Endpoint Registration Project Endpoint Registration - 000080: Endpoint1---www.aversan.com

Update Actions

State Change History

Submit New Endpoint By aversan Details... Endpoint Information aversan 08/03/2012 08:14:47 AM Submit New Endpoint By aversan Details... Endpoint Information aversan 09/13/2012 11:55:16 AM

Endpoint Settings

Endpoint Name: Endpoint1 Transport Protocol: REST

Internal Endpoint: (Not Checked)

Company: Aversan

Endpoint URL: www.aversan.com

Fields

Endpoint Properties

Property List: name2, bbb

Figure 7-3 Endpoint Entry View

7.1.1 Endpoint Entry Details

7.1.1.1 Transport Protocol

This option allows you to select the transport protocol in which your application will communicate with the TES system. The default for this option is (None).

Select from one of the choices in the drop down list.

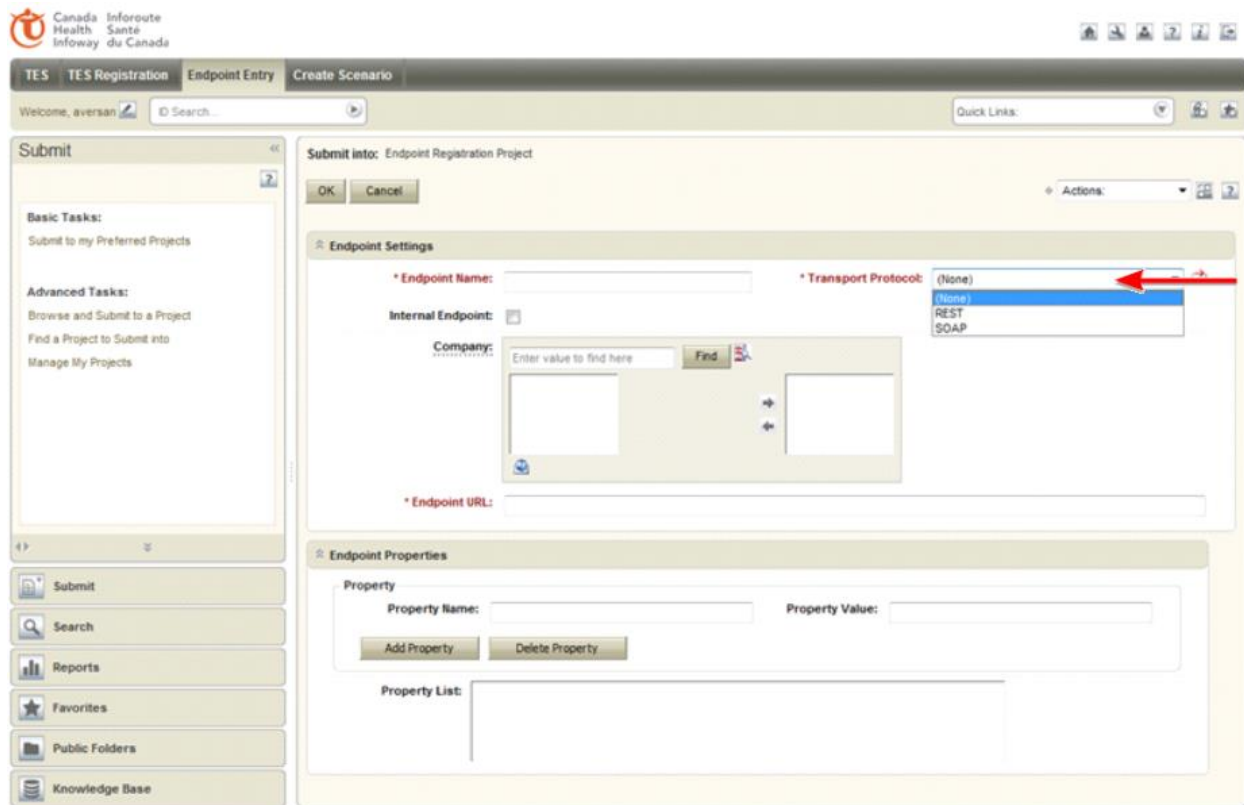


Figure 7-4 Transport Protocol

When this test case is executing, a SOAP or REST connection will be established between the EMR system and the TES system and Ack messages will be return through interface accordingly.

7.1.1.2 Internal Endpoint

You can select this checkbox if you do not wish this endpoint to support the pass-through functionality. The default is set to “external” which supports the pass-through functionality.

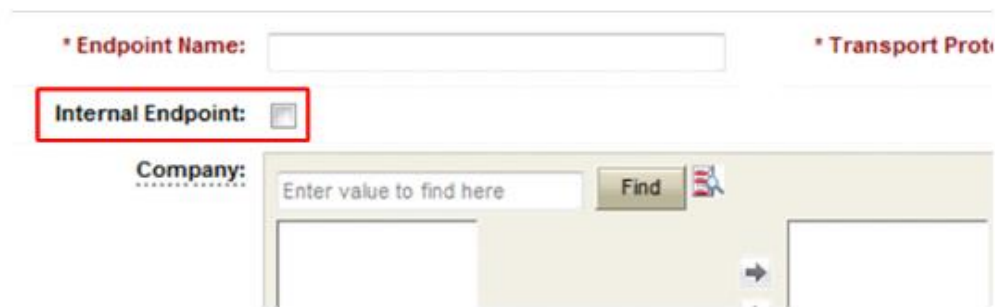


Figure 7-5 Internal Endpoint

7.1.1.3 Company

This option allows you to select a company(s) you want your endpoint to be associated with. By clicking find, list of all available companies are shown in the left list box.

The screenshot shows the 'Endpoint Entry' web application. The top navigation bar includes 'TES', 'TES Registration', 'Endpoint Entry', and 'Create Scenario'. Below this is a 'Submit' sidebar with 'Basic Tasks' and 'Advanced Tasks'. The main content area is titled 'Submit into: Endpoint Registration Project' and contains 'Endpoint Settings' and 'Endpoint Properties' sections. A red arrow points to the 'Find' button in the 'Company' section of the 'Endpoint Settings'.

Figure 7-6 Company

7.1.1.3.1 Add and Removing Company

In the left list box, select the company that you want to add. Click the **Right Arrow** button and the selected company is moved to the right list box.

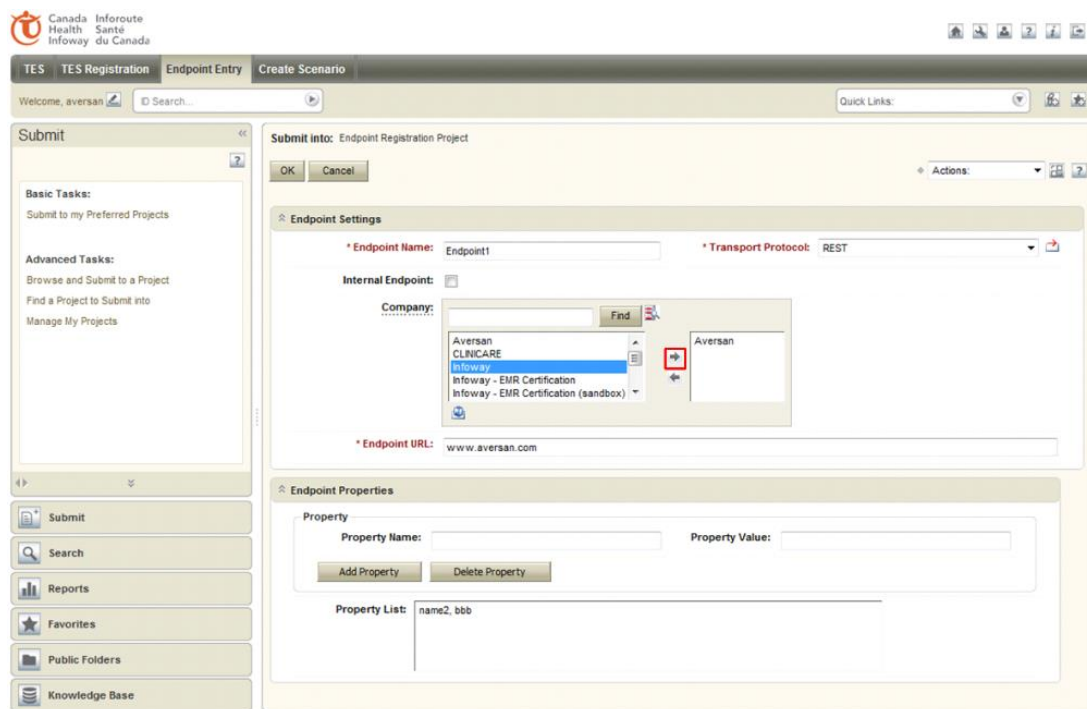


Figure 7-7 Adding Company

To deselect a company, click on the company name on the right hand side list box and click the **Left Arrow**.

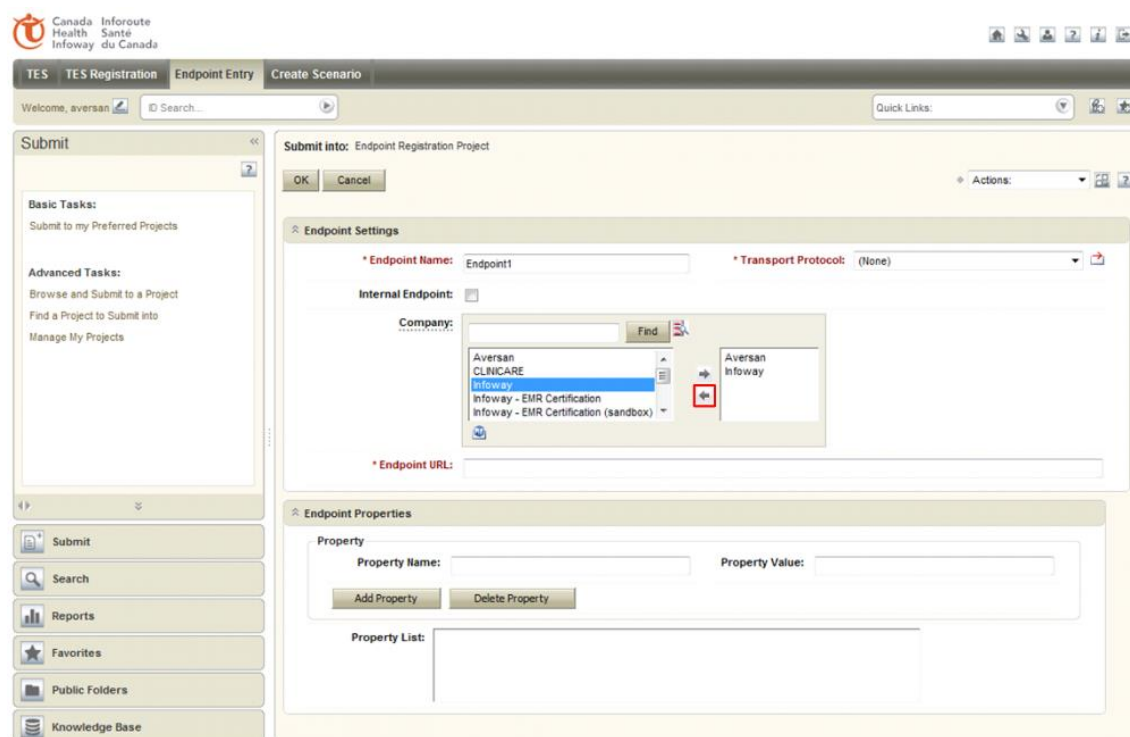


Figure 7-8 Deselecting Company

7.1.1.4 Property Name and Value

In the section outlined in red, you can specify the properties of the endpoint.

The screenshot displays the 'Endpoint Entry' web application interface. The top navigation bar includes 'TES', 'TES Registration', 'Endpoint Entry', and 'Create Scenario'. The left sidebar contains a 'Submit' button and a 'Search' button, along with a list of tasks: 'Submit to my Preferred Projects', 'Browse and Submit to a Project', 'Find a Project to Submit into', and 'Manage My Projects'. The main content area is titled 'Submit into: Endpoint Registration Project' and contains two sections: 'Endpoint Settings' and 'Endpoint Properties'. The 'Endpoint Settings' section includes fields for 'Endpoint Name' (set to 'Endpoint1'), 'Transport Protocol' (set to 'REST'), 'Internal Endpoint' (checked), 'Company' (set to 'Aversan'), and 'Endpoint URL' (set to 'www.aversan.com'). The 'Endpoint Properties' section is outlined in red and contains a 'Property' table with columns 'Property Name' and 'Property Value'. Below the table are 'Add Property' and 'Delete Property' buttons. The 'Property List' shows two entries: 'name1, aaa' and 'name2, bbb'.

Property Name	Property Value
name1, aaa	
name2, bbb	

Figure 7-9 Endpoint Properties

7.1.1.4.1 Adding property name and value pair

After filling the fields with desired name and value, click on **Add Property** button. Property list shows the name(s) and value(s) of the endpoint you have just added.

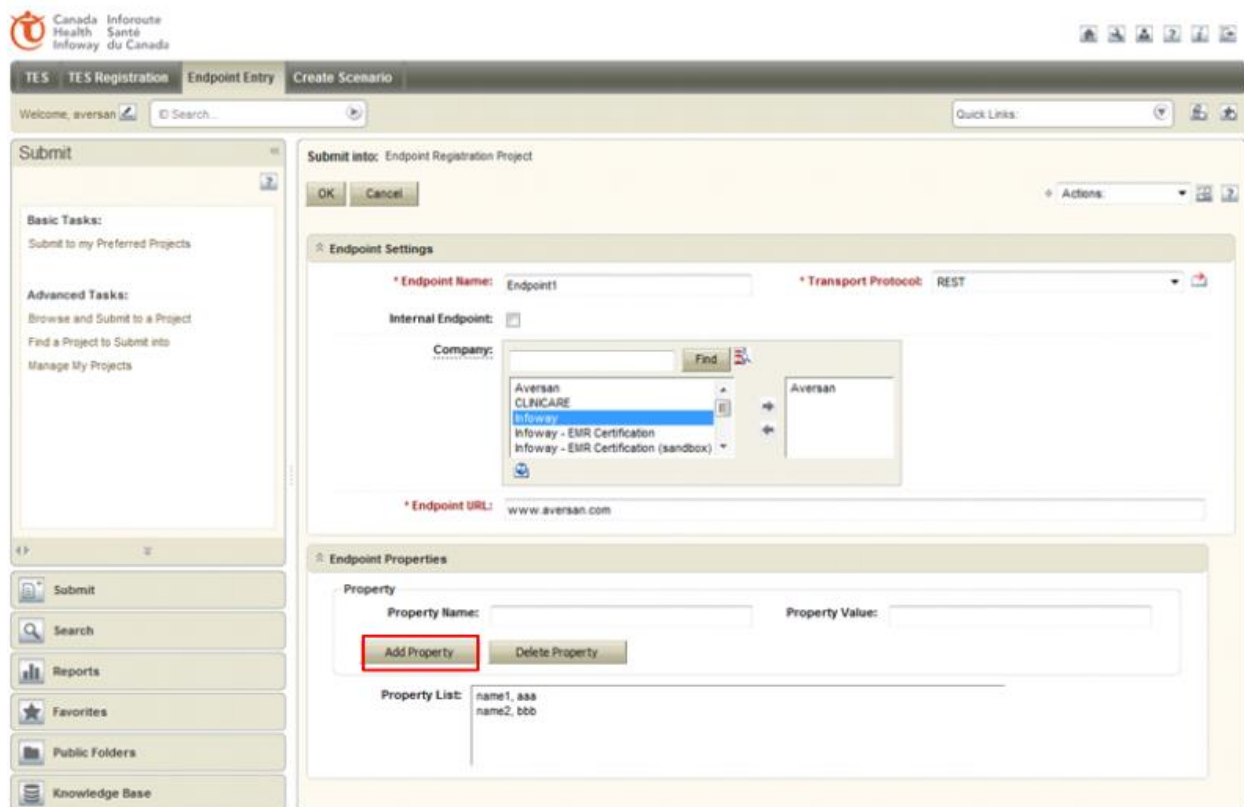


Figure 7-10 Adding Endpoint Property

7.1.1.4.2 Deleting property name and value pair

If you want to delete a property name and value pair, click on the pair shown in property list to highlight it and then click on **Delete Property** button to remove it from the list.

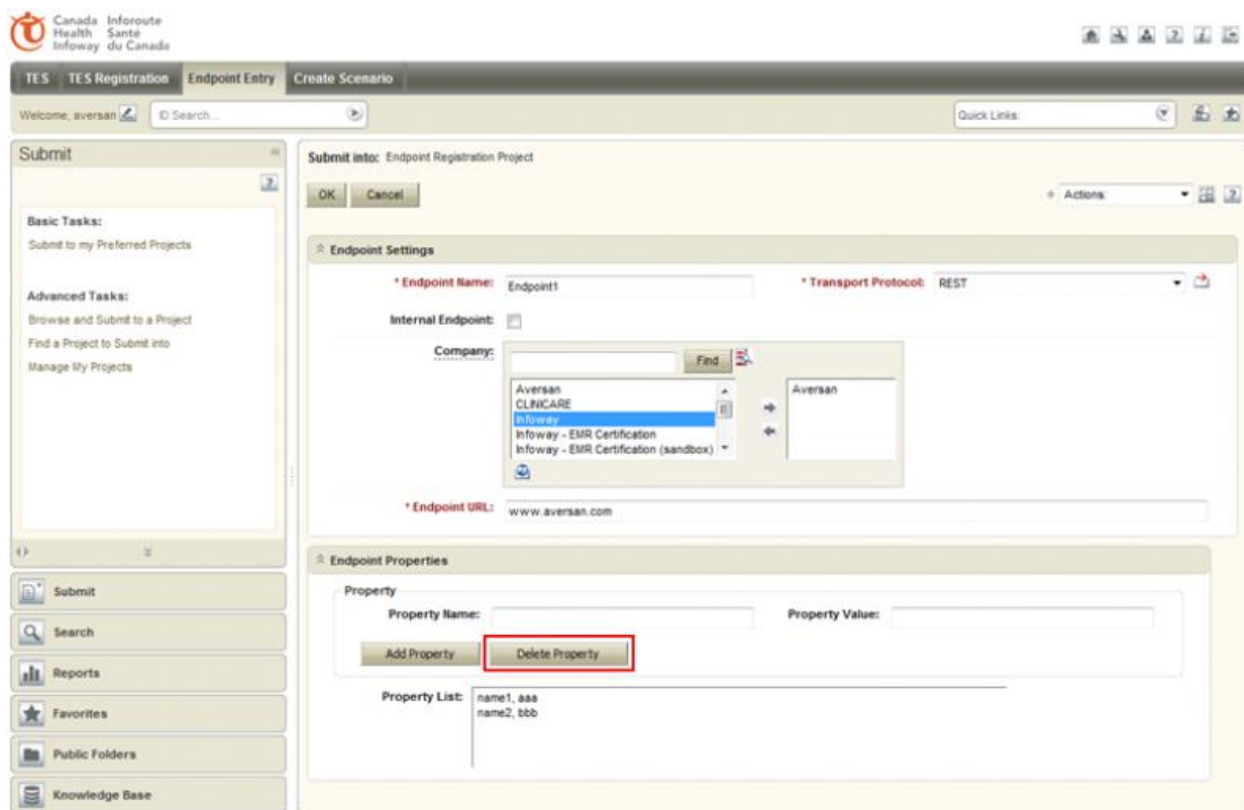


Figure 7-11 Deleting Endpoint Property

8 Create Scenario

Create Scenario tab is visible to those users that have the appropriate privileges to create scenarios. Users can create, update, validate/generate assert rules, update assert rules and save the scenario.

8.1 Save and Create a Scenario

In order to begin the scenario creation, you must have in detail information about the scenario and request and response message pair in .xml format.

Follow the steps below to start and create a new scenario.

Click on the submit button outlined in red located in main page or on the left side pane.

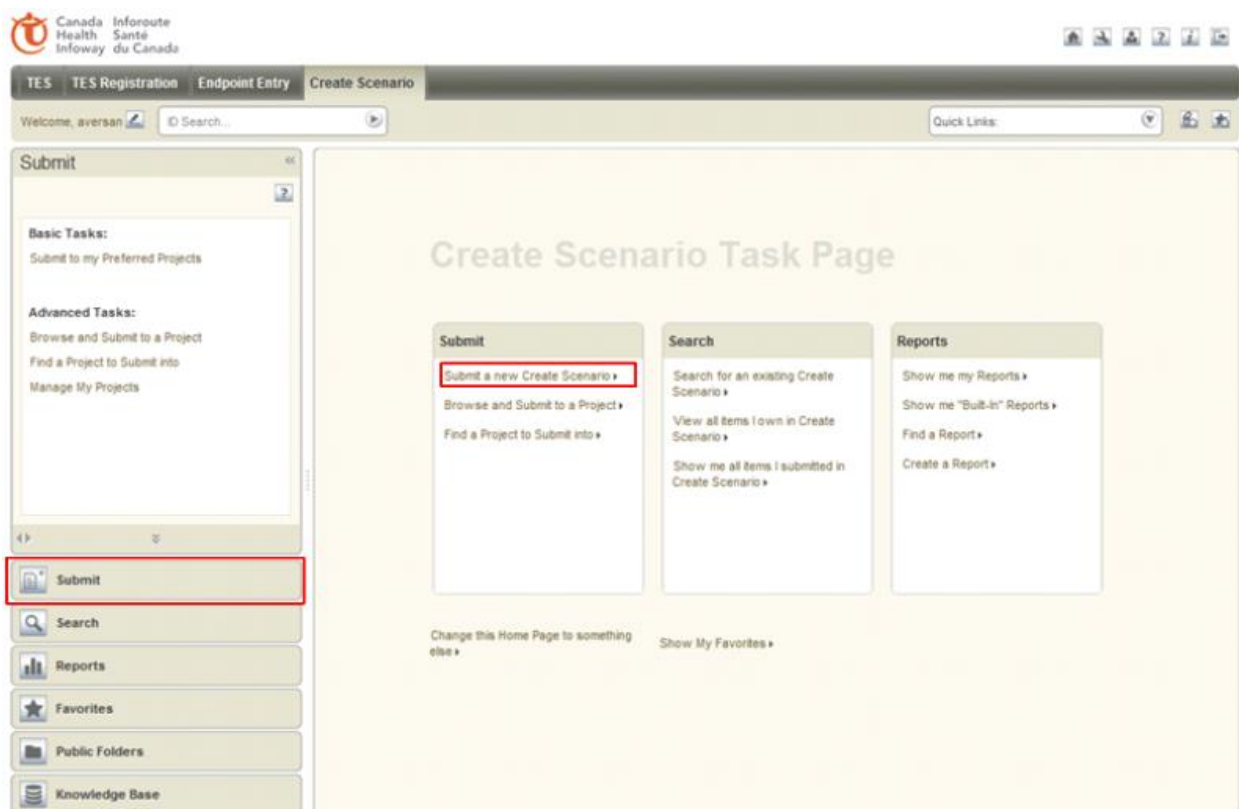


Figure 8-1 Submit Button

Information needed to create a new scenario is presented in the form. Required fields are highlighted in red as you can see in figure below.

The screenshot shows the 'Create Scenario' form in the TES system. The form is titled 'Submit into: Create Scenario Project' and includes the following fields and buttons:

- Scenario Name:** A text input field with a red asterisk indicating it is mandatory.
- Description:** A text area with a red asterisk indicating it is mandatory.
- Jurisdiction:** A dropdown menu with '(None)' selected and a red asterisk indicating it is mandatory.
- Interaction:** A dropdown menu with '(None)' selected and a red asterisk indicating it is mandatory.
- Message Standard:** A dropdown menu with '(None)' selected and a red asterisk indicating it is mandatory.
- Request Message:** A button labeled 'Attach'.
- Response Message:** A button labeled 'Attach'.

The form is part of a larger interface with a sidebar containing the following links:

- Submit
- Search
- Reports
- Favorites
- Public Folders
- Knowledge Base

Figure 8-2 Initial Create Scenario Form

You are required to fill in the text boxes and select values from drop down list since all fields are mandatory. Refer to the following subsections for more details on each field.

Mandatory Fields

Scenario Name	-Enter the name of your Scenario
Description	-Enter description of your Scenario
Jurisdiction	-Refer to section 8.1.1.1
Interaction	-Refer to section 8.1.1.2
Message Standards	-Refer to section 8.1.1.3
Request Message	-Refer to section 8.1.1.4
Response Message	-Refer to section 8.1.1.4

Present and select values for all the fields and click **OK**. The system will give you the read-only view of the scenario detail. You can update all the fields by clicking **Update** button in the Actions.

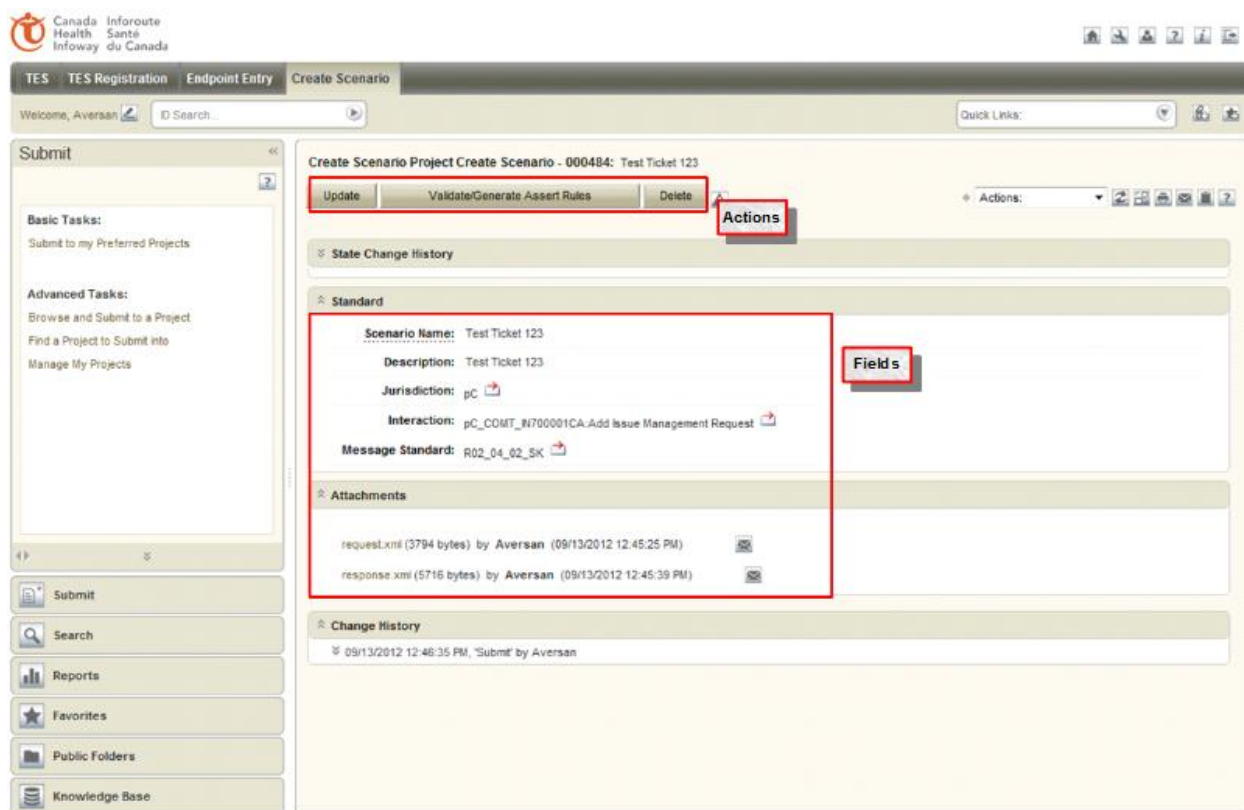


Figure 8-3 Create Scenario View

8.1.1 Create Scenario Details

8.1.1.1 Jurisdiction

This option allows you to assign your new scenario to a specific jurisdiction. This option will make this scenario visible to that specific jurisdiction only. You can select from presented values in drop down list.

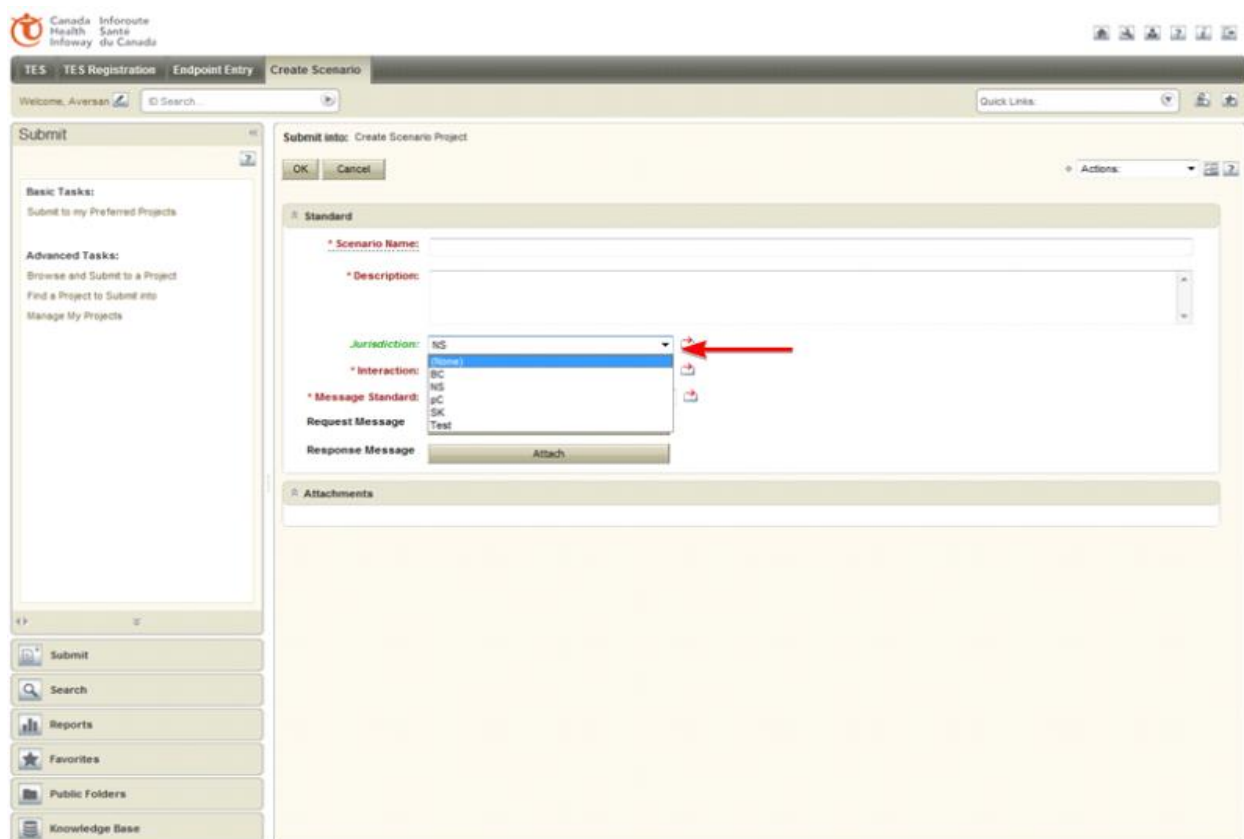


Figure 8-4 Select Jurisdiction

8.1.1.2 Interaction

Interactions are displayed based on the selected jurisdiction which has been done in previous step.

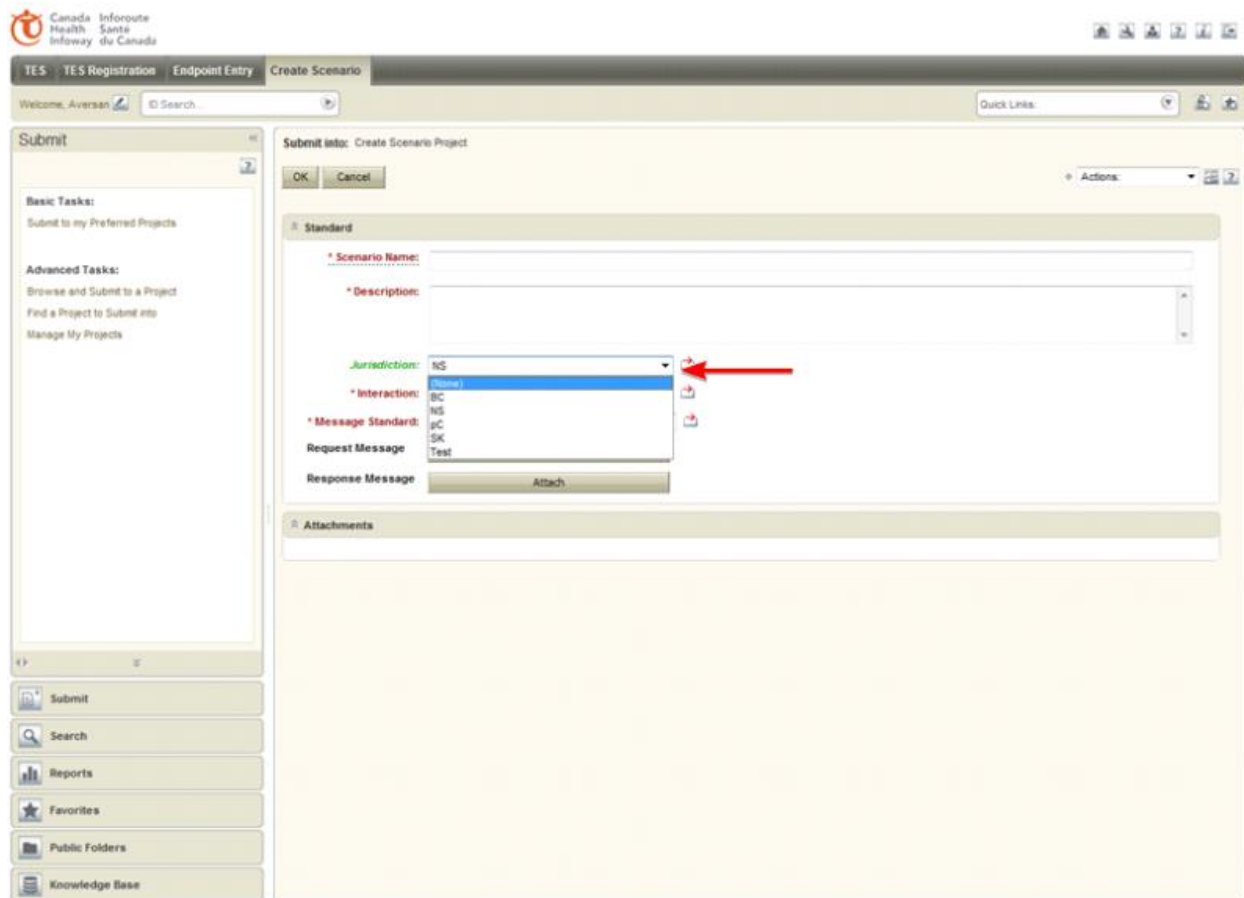


Figure 8-5 Select Interaction

8.1.1.3 Message Standard

These are same as HL7 version which gets associated with the scenario.

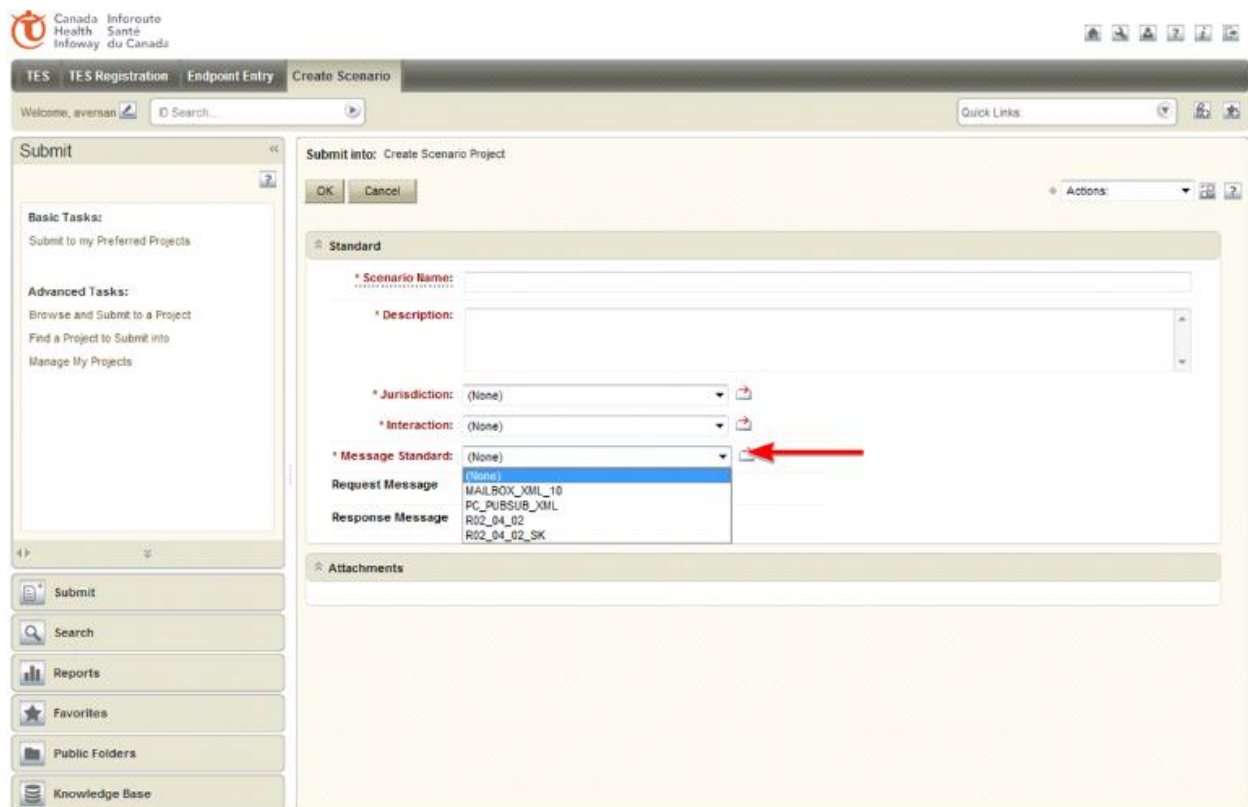


Figure 8-6 Select Message Standards

8.1.1.4 Request and Response Messages

You can add request and response messages here by clicking the **Attach** button next to each message.

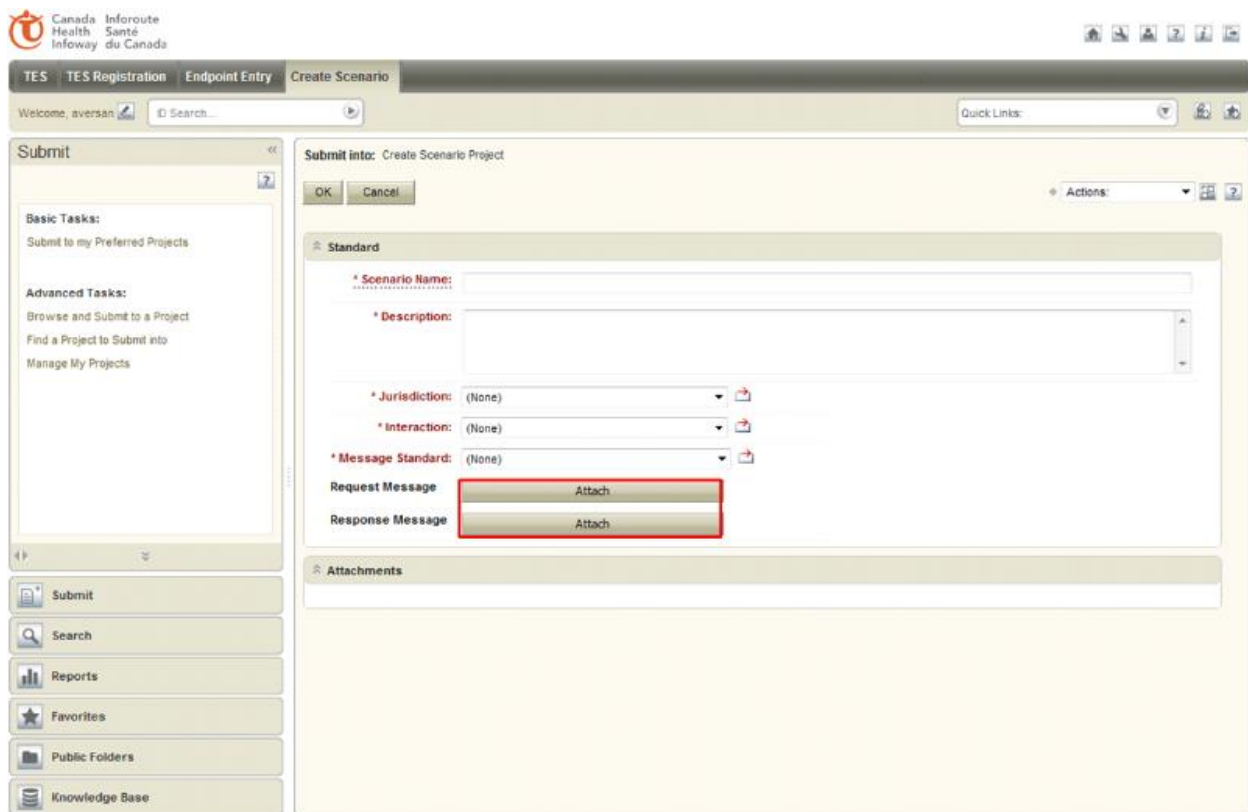


Figure 8-7 Attach Request and Response Message

After clicking **Attach** button, a pop-up window will show up. In the pop-up window, by clicking **Browse** you can redirect to the directory which request or response message is located. Click **Upload & Attach File** to finish the attachment process. Request and response messages should get attached separately. Note: Before attaching messages, make sure pop-up blocker is disabled.

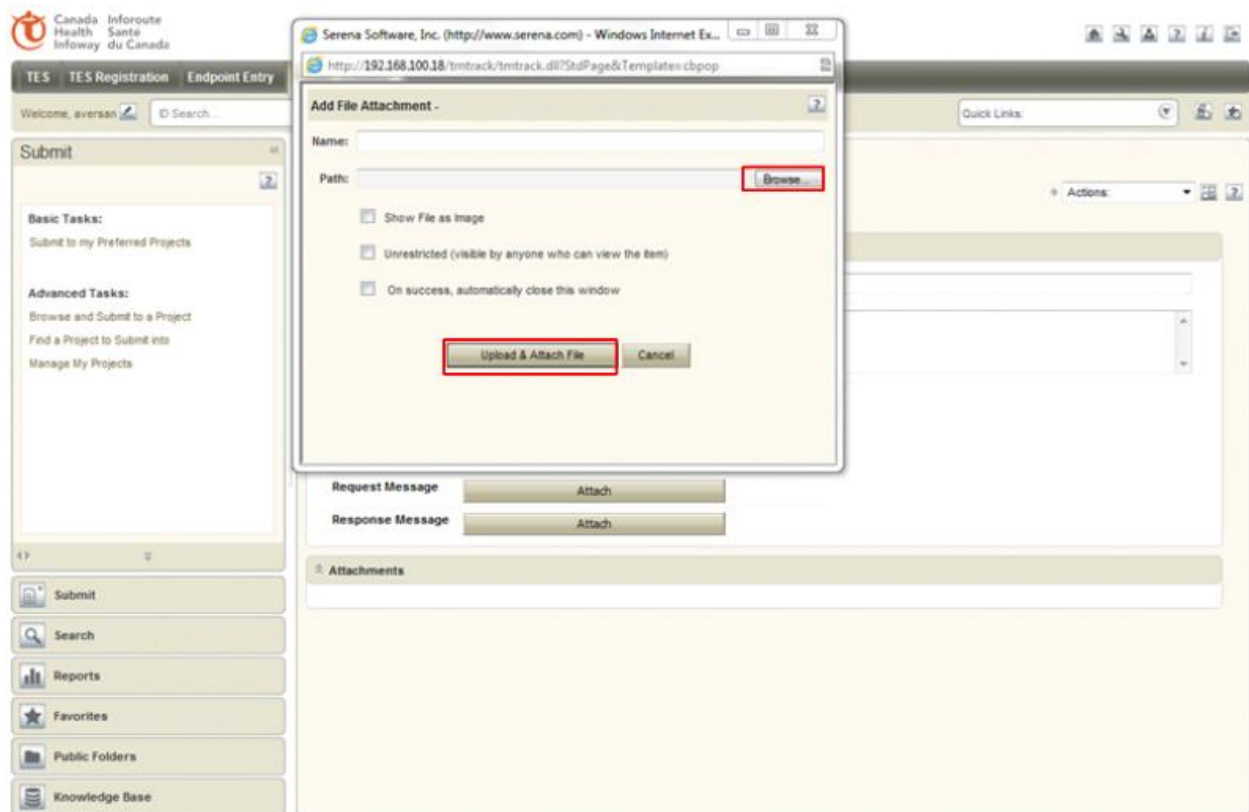


Figure 8-9 Request and Response Messages Attachment Window

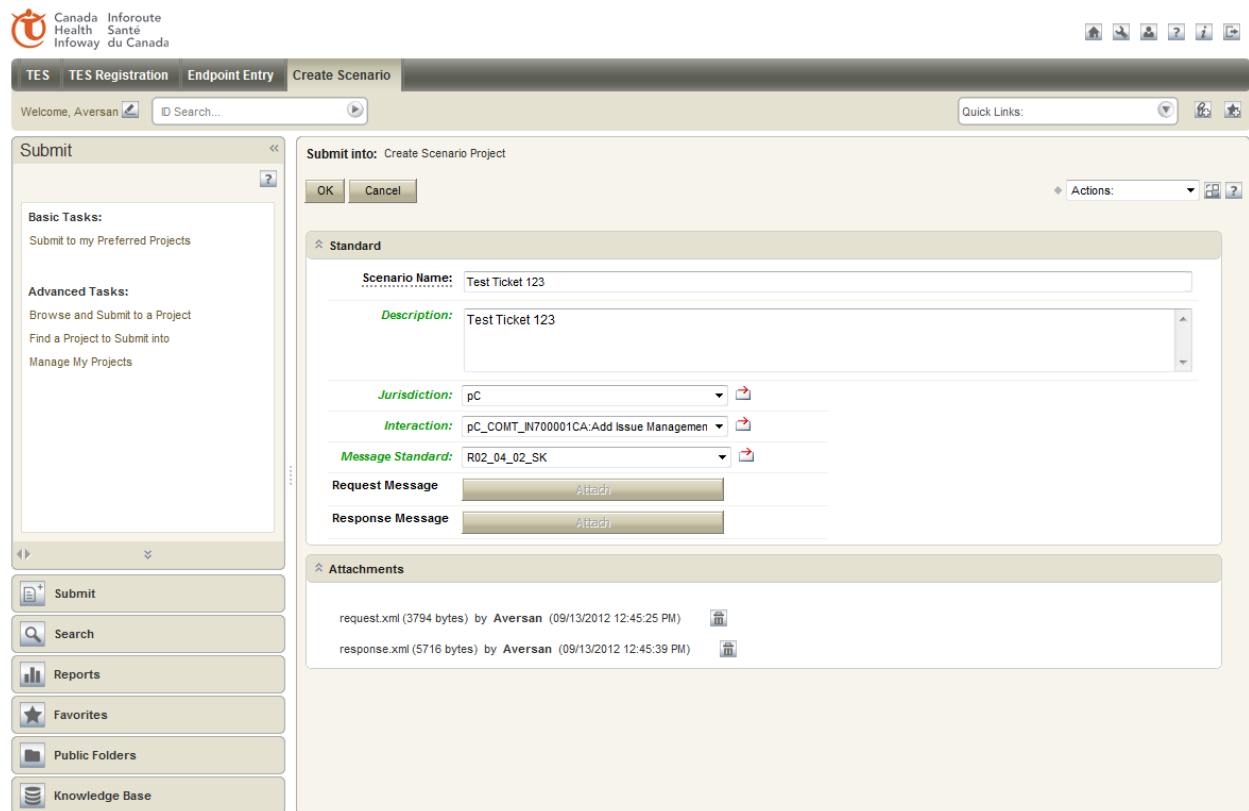


Figure 8-9 Request and Response Messages Attached

8.1.1.5 Deleting Messages

By clicking the **Trash** icon right next to each attachment in attachment subsection, you can delete and reattach a new file by following the previous steps for attaching a message.

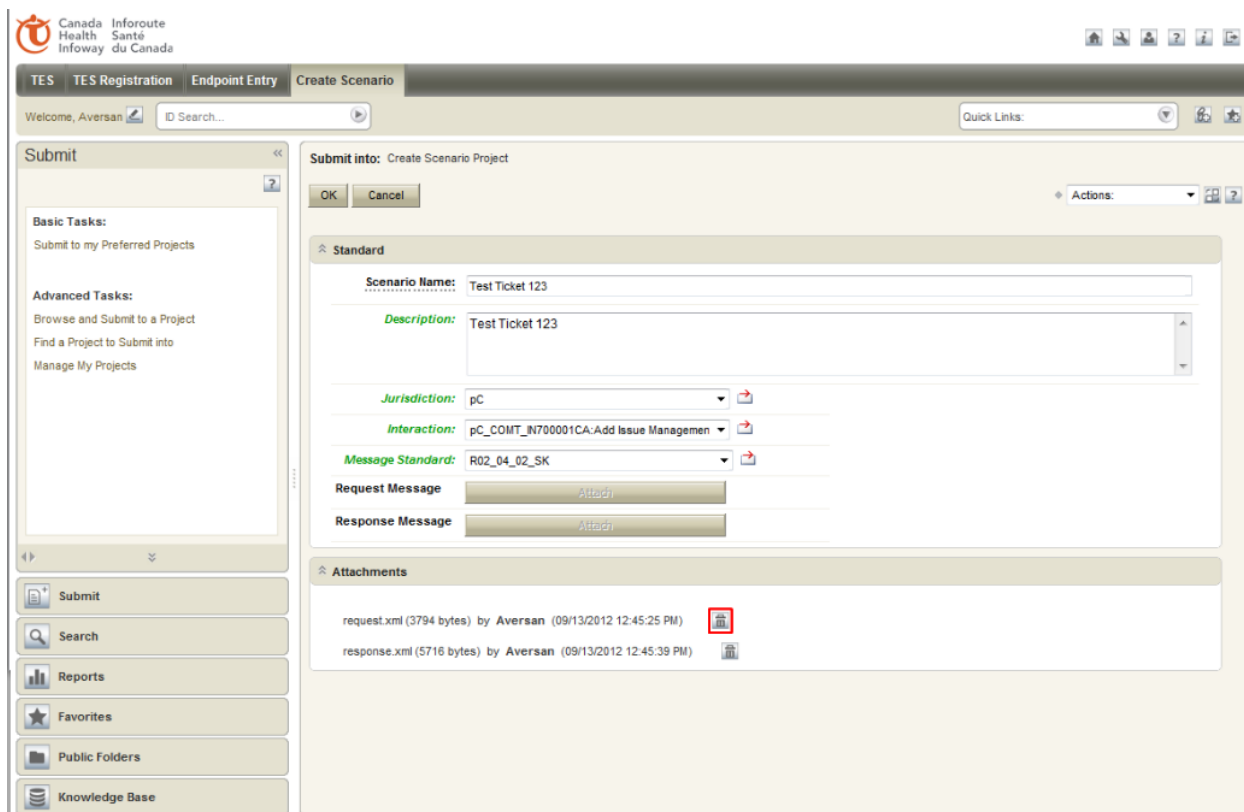


Figure 8-10 Deeleting Messages

8.1.2 Validate/Generate Assert Rules

By clicking Validate/Generate Assert Rules, Xpaths gets generated.

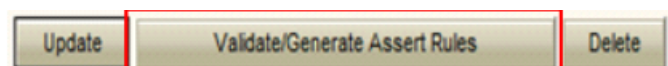


Figure 8-11 Validate/Generate Assert Rules

Error message will be shown in “Error_Detail” section if any of the messages have errors (syntax, etc) such that creating Xpaths would be not viable. If this is the case, simply click **Update**, delete, edit and reattach the message that caused an error to happen.

State Change History

Standard

Scenario Name: Test Ticket 123
Description: Test Ticket 123
Jurisdiction: pC
Interaction: pC_COMT_IN700001CA: Add Issue Management Request
Message Standard: R02_04_02_SK

Attachments

request - NW.xml (3646 bytes) by Aversan (09/14/2012 04:36:12 PM)
response.xml (5716 bytes) by Aversan (09/14/2012 04:36:22 PM)

Error_Details

Request Error: Fixed attribute "contextControlCode" should have a value of "AP" but was "INVALID"
The oid, "INVALID" does not appear to be a valid oid
Fixed attribute "classCode" should have a value of "PROV" but was "INVALID"
Response Error:
Assert Rules:
Create Scenario:
Save Scenario Error:

Change History

09/14/2012 04:36:25 PM, 'Submit' by Aversan
09/14/2012 04:36:34 PM, 'Validate/Generate Assert Rules' by Aversan
09/14/2012 04:36:34 PM, 'Invalid Xpaths (Quick)' by Aversan

Figure 8-11 Error_Details

8.1.3 Updating Assert Rules

You have the option to filter and remove excess information in generated assert rules by clicking **Update Assert Rules**. However this step is completely optional and you can save your scenario without updating the assert rules.

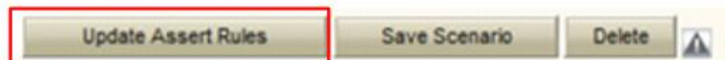


Figure 8-12 Update Assert Rules

8.1.3.1 Download Assert Rules

You can click on the **Download Assert Rules** link to save the generated rule to your local directory. Now you can redirect to the directory you saved the file and update the rules based on your

requirements.

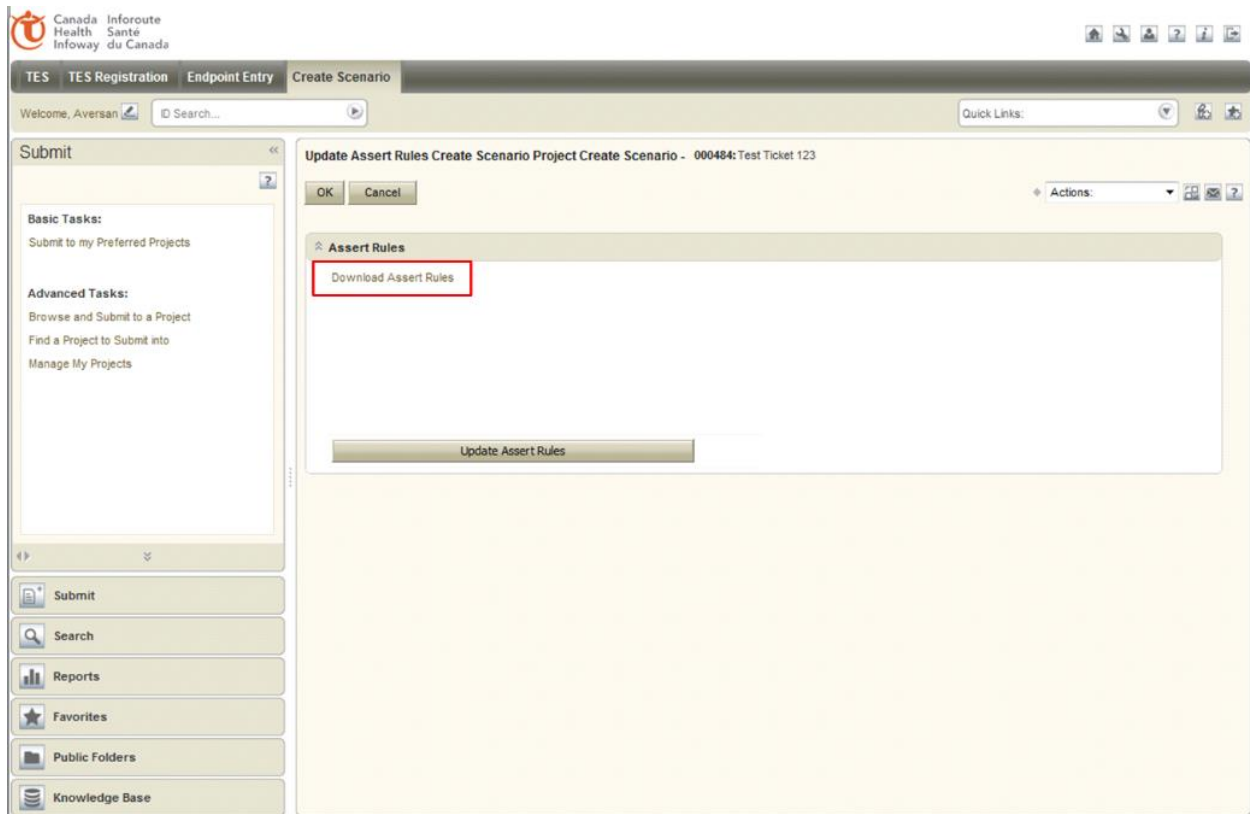


Figure 8-13 Saving Assert Rules

8.1.3.2 Upload Assert Rules

After modifying asserts rules, update the existing asserts rules by clicking **Update Assert Rules** button.

In the newly opened window, click on **Brows** and find the file in your local directory. Do not change the name of the file in the current window. Click **Edit Name and/or Replace File** to finish attaching the new assert rules.

Serena Software, Inc. (http://www.serena.com) - Windows Internet Ex...
http://192.168.1.41/tmtrack/tmtrack.dll?StdPage&Template=cbpop

Modify File Attachment - 000484

Name:

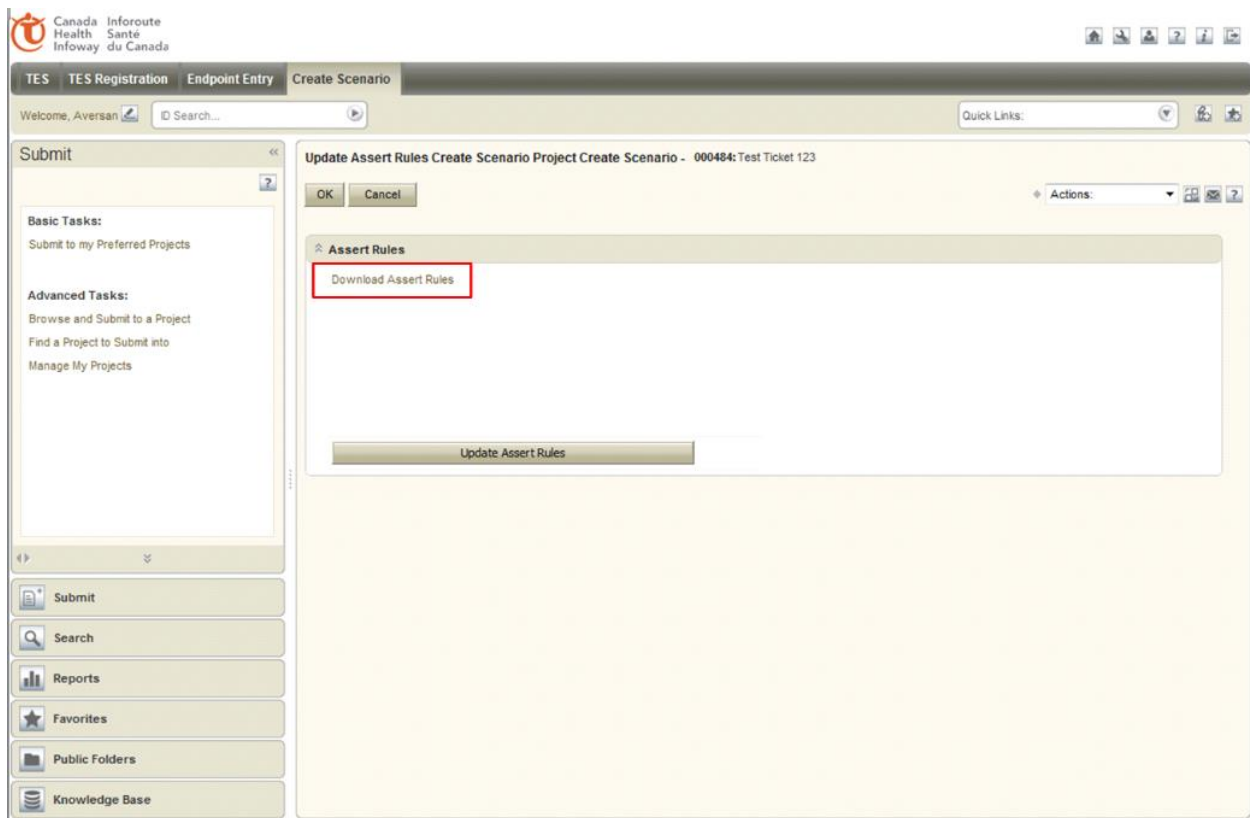
Path:

☐ Show File as Image

☐ Unrestricted (visible by anyone who can view the item)

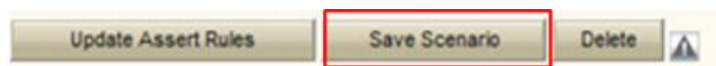
☐ On success, automatically close this window

Figure 8-14 Attaching Modified Assert Rules



8.1.4 Save Scenario

Save the scenario by clicking the **Save Scenario** button. Saved Scenario cannot be modified or changed.



9 Raising a Support Ticket

Users can raise a support ticket by submitting to the “TES Support” application.

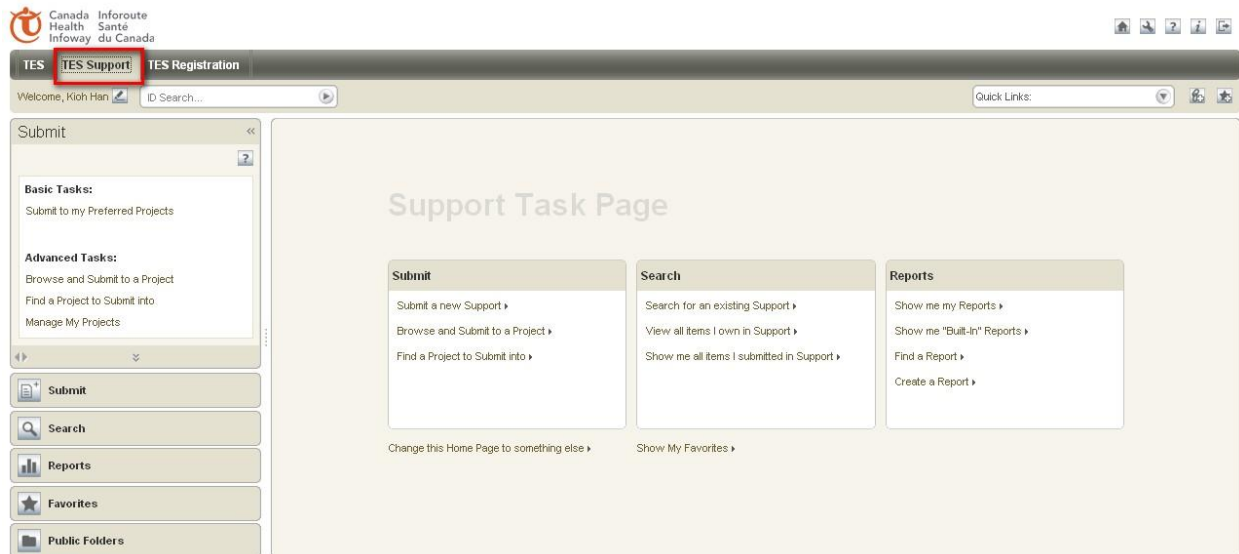


Figure 9-1 TES Support Application

Select the TES Application located at the top right and click the “Submit” action. Select either the Defect or Enhancement project.

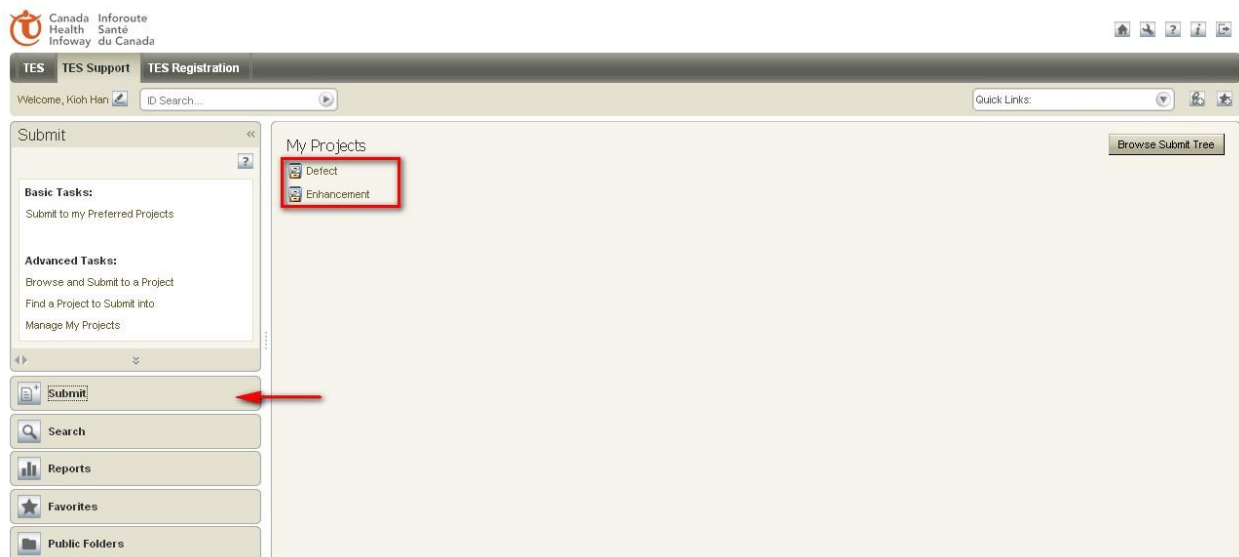


Figure 9-2 Support Submit

Enter the Title, Description and Priority of the defect/enhancement and click “Ok”.

TES

TES Support

TES Registration

Welcome, Kioh Han

ID Search...

Quick Links:

Submit

Basic Tasks:

Submit to my Preferred Projects

Advanced Tasks:

Browse and Submit to a Project

Find a Project to Submit into

Manage My Projects

Submit

Search

Reports

Favorites

Public Folders

Submit info: Defect

OK

Cancel

Actions:

Standard

Title:

Description:

Priority: (None)

Figure 9-3 Defect Submit Form

10 Test Harness Performance Report

The Performance Report can only be accessed by administrative users. It can be accessed through the Reports section under Basic Tasks.

Select the “Find Reports” link and the pane on the right displays “Find a report”.

Enter the string “Performance” in the Search by Title field and click Search.

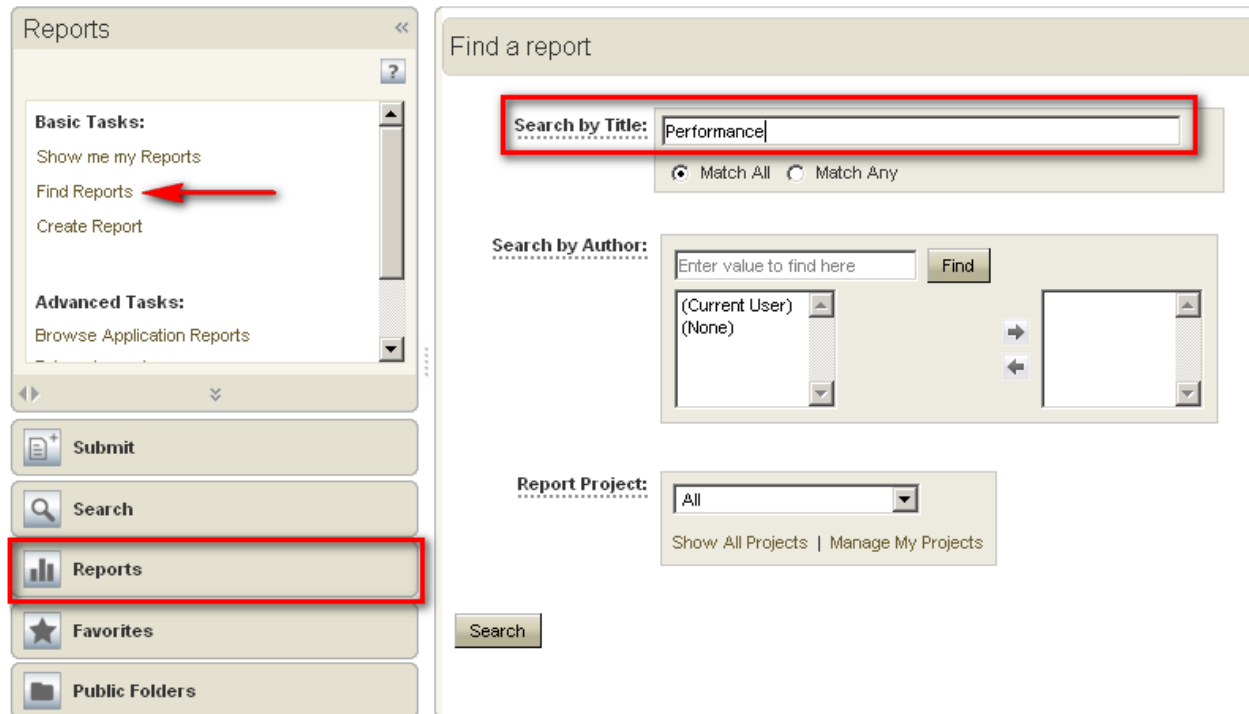


Figure 10-1 Searching for Performance Report

The results of the search will display the Performance Report.

Click on the “Performance Report” link.

Search Results

03/30/2011 08:58:59 PM

Now showing items 1 - 1 of 1

TES (Ticket)									
			Title	Privilege Category	Created	Author	Last Modified	Last Modifier	Last Run
<input type="checkbox"/>			Performance Report	Guest	02/11/2011	dmsys	03/31/2011	Aversan	03/31/2011

☐ Check All |
 ☐ Uncheck All |
 Requery

Create Link in -->

Figure 10-2 Performance Report Link

The start and end date calendars will be displayed.

Select the desired date range by clicking on the calendars.

Please select the date range for the Performance Report

From:

February 2011

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

To:

February 2011

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

Figure 10-3 Performance Report Date Selection

Click on Generate Report and the Performance Report will be displayed.

Performance Report

Performance Statistics
2011/03/01 00:00:00 EST to 2011/03/29
23:59:59 EDT

Tickets

Tickets Passed:	180
Tickets Failed	199
Tickets Incomplete	120
Total Tickets	499

Scenarios

Scenario Passed	272
Scenario Failed	298
Scenario Incomplete	167
Total Scenarios	737

Messages

Figure 10-4 Performance Report

11 Test Harness Logging Reports

The Logging Reports can only be accessed by administrative users.

11.1 Report on Test Case Tickets by Application and Activity

The “Test Activity Report” is a log report of all testing activities that may be filtered by Application and date range.

It can be accessed through the Reports section under Basic Tasks.

Select the “Find Reports” link and enter the string “Test Activity” in the Search by Title field and click Search.

The screenshot displays the Test Harness interface. On the left, a sidebar titled 'Reports' contains a 'Basic Tasks' section with a red arrow pointing to the 'Find Reports' link. Below this are buttons for 'Submit', 'Search', 'Reports' (highlighted with a red box), 'Favorites', and 'Public Folders'. The main area, titled 'Find a report', features a 'Search by Title' field containing 'Test Activity', with 'Match All' selected. Below this is a 'Search by Author' section with a 'Find' button and a list of authors including '(Current User)' and '(None)'. A 'Search' button is located at the bottom left of the main area.

Figure 11-1 Search Test Activity Report

Select the Test Activity Report Link.

The screenshot displays the TES (Ticket Entry System) web application. At the top, the header includes the Canada Inforoute Health Sante Infoway du Canada logo and navigation tabs for TES, TES Support, and TES Registration. A welcome message for 'Kliah Han' and an ID search field are present. The left sidebar contains a 'Reports' section with 'Basic Tasks' (Show me my Reports, Find Reports) and 'Advanced Tasks' (Browse Application Reports, Browse Built-In Reports). Below this are buttons for Submit, Search, Reports, Favorites, and Public Folders. The main content area is titled 'Search Results' and shows 'Now showing items 1 - 1 of 1'. A table displays the search results for 'TES > Ontario > Aversan (Ticket)'.

	Title	Privilege Category	Created	Author	Last Modified	Last Modifier	Last Run
<input type="checkbox"/>	Test Activity Report	Guest	03/08/2011	dmsys	03/11/2011	dmsys	03/11/2011

Below the table, there are links for 'Check All', 'Uncheck All', and 'Requery'. A 'Create Link in -->' dropdown menu is also visible.

Figure 11-2 Test Activity Report


The Test Activity Report query parameters selection is displayed.

Enter the name of the application in the “Application” field and click Find. From the results of the search in the left box, select one or more applications of interest and use the “Right arrow” button to select the Application.



In the “Last Modified Date” fields select the Date/Time by clicking the Calendar icon.

Test Activity Report



This report requires selection of query parameters.
Please set the parameters shown below, and click Run Report when you are finished.

Application in 

Infoway App
Infoway App2 - 2.1
Infoway App3 - 3

Last Modified Date >=  

mm/dd/yyyy hh:mm:ss

Last Modified Date <=  

mm/dd/yyyy hh:mm:ss

Figure 11-3 Test Activity Report Search

Click on the “Run Report”, a list of Tickets with the defined criteria will be shown in the report.

Test Activity Report				
			Use Editable Grid	
03/30/2011 09:12:56 PM				
Now showing Ticket 41 - 60 of 141 Sorted by: Project (Hierarchy)				
TES > Ontario > Vendor A				
	Item Id	Name	Application	Last Modified Date
<input type="checkbox"/>	1322	xxx TC_SYS_25A - Duplicate Response (Queued)	UUT - 0.1	03/20/2011 04:55:02 PM
<input type="checkbox"/>	1326	xxx TC_SYS_25B - Duplicate Request Detection	UUT - 0.1	03/20/2011 04:55:46 PM
<input type="checkbox"/>	1334	TC_SYS_02A - Deferred Response Mode - SOAP	UUT - 0.1	03/20/2011 12:10:26 AM
<input type="checkbox"/>	1362	xxx TC_SYS_02A - Deferred Response Mode - SOAP	UUT - 0.1	03/20/2011 04:21:30 PM
<input type="checkbox"/>	1364	xxx TC_SYS_02B - Deferred Response Mode - SOAP (Configuration 2)	UUT - 0.1	03/20/2011 02:38:20 AM
<input type="checkbox"/>	1369	xxx TC_SYS_11B - Thin Data Set with Errors Response Selection	UUT - 0.1	03/20/2011 04:31:46 PM
<input type="checkbox"/>	1370	xxx TC_SYS_11C - Normal Data Set Response Selection	UUT - 0.1	03/20/2011 04:32:11 PM
<input type="checkbox"/>	1371	xxx TC_SYS_11D - Normal Data Set with Errors Response Selection	UUT - 0.1	03/20/2011 04:32:35 PM
<input type="checkbox"/>	1379	xxx TC_SYS_02B - Deferred Response Mode - SOAP (Configuration 2)	UUT - 0.1	03/20/2011 04:24:02 PM
<input type="checkbox"/>	1380	xxx TC_SYS_02C - Deferred Response Mode - REST	UUT - 0.1	03/20/2011 04:24:27 PM
<input type="checkbox"/>	1381	xxx TC_SYS_02D - Deferred Response Mode - REST (Configuration 2)	UUT - 0.1	03/20/2011 02:04:47 PM
<input type="checkbox"/>	1382	xxx TC_SYS_02D - Deferred Response Mode - REST (Configuration 2)	UUT - 0.1	03/20/2011 04:24:52 PM
<input type="checkbox"/>	1383	xxx TC_SYS_25C - Duplicate Response (Deferred)	UUT - 0.1	03/20/2011 04:56:18 PM
<input type="checkbox"/>	1388	DR TC_SYS_01B - Immediate Response Mode - SOAP	UUT - 0.1	03/20/2011 08:20:52 PM
<input type="checkbox"/>	1389	DR TC_SYS_01D - Immediate Response Mode - REST	UUT - 0.1	03/20/2011 08:40:35 PM
<input type="checkbox"/>	1390	DR TC_SYS_02A - Deferred Response Mode - SOAP	UUT - 0.1	03/20/2011 08:41:46 PM
<input type="checkbox"/>	1391	DR TC_SYS_02B - Deferred Response Mode - SOAP (Configuration 2)	UUT - 0.1	03/20/2011 08:42:52 PM
<input type="checkbox"/>	1392	DR TC_SYS_02C - Deferred Response Mode - REST	UUT - 0.1	03/20/2011 08:44:24 PM
<input type="checkbox"/>	1393	DR TC_SYS_02D - Deferred Response Mode - REST (Configuration 2)	UUT - 0.1	03/20/2011 08:46:01 PM
<input type="checkbox"/>	1394	DR TC_SYS_03A - Queued Response Mode - SOAP	UUT - 0.1	03/20/2011 08:46:40 PM
Check All Uncheck All First 20 Previous 20 Next 20 Last 1 All 141 Requery				

Figure 11-4 Test Activity Report

11.2 Report on User

The Users Report can be accessed through the Reports section under the Advanced Tasks.

Select the “Browse System Reports” link and a list of System Reports are displayed.

Select the “Users” report Link.

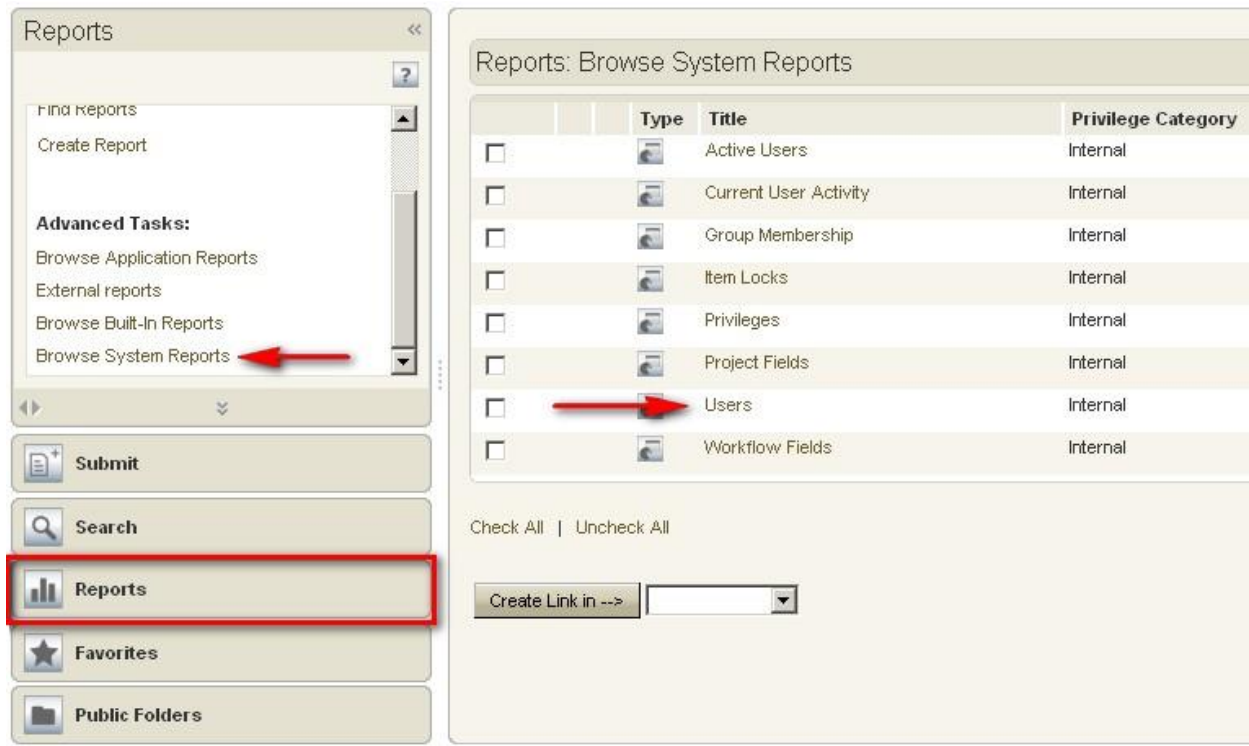


Figure 11-5 System Reports

The Users Report displays information about the users as shown in the following figure.

Users						
03/11/2011 06:25:37 PM						
User Name	Privilege Category	Last Login Date	Creation Date	Telephone	E-mail	Memo
admin	Managed Administrator	01/31/2011	01/12/2011			
automation	API/Script	01/30/2011	01/19/2011			
Aversan Test Harness	User		01/12/2011			
Azhar Saleem	User	03/11/2011	01/27/2011			
Ben Hui	User		01/27/2011			
Bob Lay	Managed Administrator	03/11/2011	01/31/2011	416-289-1554 Ext 302	blay@aversan.com	
Boris E. Sitsker	User	02/18/2011	02/17/2011	416-289-1554 Ext: 299	BSitsker@aversan.com	
dmsys	Managed Administrator	03/11/2011	01/31/2011		khan@aversan.com	
external	External	01/18/2011	01/12/2011			
Gardner Dickson	User	03/11/2011	01/27/2011			
generic_user	User		01/27/2011			
Geoff Ramsay	User		01/31/2011	416-289-1554 Ext 225	gramsay@aversan.com	
global_admin	Managed Administrator	01/12/2011	01/12/2011			
Harry Wong	User	03/09/2011	01/27/2011			
infoway_testuser	User		02/01/2011			
Jeffrey Perz	User	03/09/2011	03/09/2011	416-289-1554 Ext 308	jPerz@aversan.com	

Figure 11-6 Users Report

11.3 Report on Errors

The Logging Report can be accessed through the Reports section under Basic Tasks.

Select the “Find Reports” link and enter the string “Logging” in the Search by Title field and click Search.

Reports

Basic Tasks:

- Show me my Reports
- Find Reports
- Create Report

Advanced Tasks:

- Browse Application Reports

Submit

Search

Reports

Favorites

Public Folders

Find a report

Search by Title: Logging

☒ Match All ☐ Match Any

Search by Author:

Enter value to find here Find

(Current User) (None)

Report Project: All

Show All Projects | Manage My Projects

Search

Figure 11-7 Searching for Logging Report

The results of the search will display the Logging Report.

Click on the “Logging Report” link.

Canada Inforoute
Health Santé
Infoway du Canada

TES TES Support TES Registration

Welcome, dmsys ID Search...

Quick Links:

Reports

Basic Tasks:

- Show me my Reports
- Find Reports
- Create Report

Advanced Tasks:

- Browse Application Reports

Submit

Search

Reports

Favorites

Public Folders

Search Results

Now showing items 1 - 1 of 1

03/11/2011 05:46:05 PM

TES (Ticket)	Title	Privilege Category	Created	Author	Last Modified	Last Modifier	Last Run
<input type="checkbox"/>	Logging Report	Guest	02/11/2011	dmsys			03/11/2011

Check All | Uncheck All | Requery

Create Link in --> Delete Selected Reports

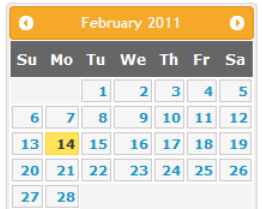
Figure 11-8 Logging Report Link

The start and end date calendars and a choice for arranging the results in the report are displayed.

Select the desired date range by clicking on the calendars.

Choose one of the ordering options.

1. Please select the date range for the Logging Report.

From:


To:


2. How do you wish to arrange the report?

☒ By Date

☐ By Component

☐ By Ticket

Generate Report

Figure 11-9 Logging Report Date and Ordering Selection

Click on Generate Report and the Logging Report will be displayed.

Logs Report

Organized by date - between 2011/02/14 00:00:00 and 2011/02/14 23:59:59

```
[2011-02-14 00:46:25.209] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 00:47:31.134] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 00:54:20.852] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 00:56:23.967] [Message Dispatcher] [Malformed Scenario]: Needs new error code, message is not same as
previous
[2011-02-14 00:57:26.156] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 01:02:19.435] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 01:36:08.546] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
[2011-02-14 11:29:54.084] [Message Dispatcher] [Ticket Access Issue]: Error retrieving specification version from Test TicketID
```

Figure 11-10 Logging Report

11.4 Report on Application Errors

The Application Errors Report can be accessed through the Reports section under Basic Tasks.

Select the “Find Reports” link and enter the string “Application Error” in the Search by Title field and click Search.

The screenshot displays the 'Reports' section of a software application. On the left, a sidebar titled 'Reports' contains a 'Basic Tasks' section with links: 'Show me my Reports', 'Find Reports' (highlighted with a red arrow), and 'Create Report'. Below this is an 'Advanced Tasks' section with links: 'Browse Application Reports', 'External reports', 'Browse Built-In Reports', and 'Browse System Reports'. At the bottom of the sidebar are buttons for 'Submit', 'Search', 'Reports' (highlighted with a red box), 'Favorites', and 'Public Folders'. The main content area is titled 'Find a report'. It features a 'Search by Title' field containing 'Application Error', which is highlighted with a red box. Below this field are radio buttons for 'Match All' (selected) and 'Match Any'. The 'Search by Author' section includes a 'Find' button and two dropdown menus. The 'Report Project' section has a dropdown menu set to 'All' and links for 'Show All Projects' and 'Manage My Projects'. A 'Search' button is located at the bottom left of the main content area.

Figure 11-11 Searching for Application Error Report

The results of the search will display the Application Error Report.

Click on the “Application Error Report” link.



Figure 11-12 Application Error Report Link

The start and end date calendars are displayed.

Select the desired date range by clicking on the calendars.

1. Please select the date range for the Application Error Report.

From: To:

March 2011

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

March 2011

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Figure 11-13 Application Error Report Date Selection

Click on Generate Report and the Application Error Report will be displayed.

Application Error Report

Application Error Report
2011/03/21 00:00:00 EDT to 2011/03/21 23:59:59 EDT

UUT - 0.1

Ticket #1460

Scenario #25

- ▶ **Actual:** DATA_TYPE_ERROR: II.TOKEN should not include the 'extension' property. ()
Expected: No Errors
Element Location: /MCCI_IN100004CA/id

Scenario #35

- ▶ **Actual:** DATA_TYPE_ERROR: II.TOKEN should not include the 'extension' property. ()
Expected: No Errors
Element Location: /POIZ_IN020010CA/id

Ticket #1465

- ▶ **Actual:** NUMBER_OF_ASSOCIATIONS_EXCEEDS_LIMIT: Association "patientBirthDate" has a cardinality of "0-1", but 2 occurrences were found ()
Expected: No Errors
Element Location: /POIZ_IN020010CA/controlActEvent/queryByParameter/parameterList

Scenario #69

- ▶ **Actual:** SYNTAX_ERROR: Expected a single element and found 2
Expected: No Errors
Element Location:

Ticket #1467

Scenario #35

Figure 11-14 Application Error Report

Appendix A – Supported Interactions

Infrastructure – Get Message From Queue

The polling messages are support by the wsdl of all the domains.

Interaction ID	Interaction Name
MCCI_IN100001CA	Send Poll Request
MCCI_IN100004CA	Accept Ack Poll for Next Message
MCCI_IN100005CA	Exception Ack in Response to Poll Request

Infrastructure - Generic Retract

Interaction ID	Interaction Name
COMT_IN600001CA	Retract Action Request
COMT_IN600002CA	Retract Action Request Accepted
COMT_IN600003CA	Retract Action Request Refused

Client Registry

Interaction ID	Interaction Name
PRPA_IN101103CA	Find Candidates Query
PRPA_IN101104CA	Find Candidates Query Response
PRPA_IN101101CA	Get Client Demographics Query
PRPA_IN101102CA	Get Client Demographics Query Response

Provider Registry

Interaction ID	Interaction Name
PRPM_IN306010CA	Provider Details Query
PRPM_IN306011CA	Provider Details Query Response

Immunization

Interaction ID	Interaction Name
POIZ_IN010020CA	Immunization Event Record Request
POIZ_IN010030CA	Immunization Event Record Request Accepted
POIZ_IN010040CA	Immunization Event Record Request Refused
POIZ_IN010070CA	Update Immunization Request
POIZ_IN010080CA	Update Immunization Request Accepted
POIZ_IN010090CA	Update Immunization Request Refused
POIZ_IN020010CA	Immunization Query Request
POIZ_IN020020CA	Immunization Query Response
POIZ_IN021010CA	Immunization Candidate Query Request
POIZ_IN021020CA	Immunization Candidate Query Response
POIZ_IN070010CA	Patient Immunization Profile Query
POIZ_IN070020CA	Patient Immunization Profile Query Response

Laboratory (Results)

Interaction ID	Interaction Name
POLB_IN354000CA	Request Query Results
POLB_IN364000CA	Request Query Results Response
POLB_IN354005CA	Request Query Results Provider or Location

Interaction ID	Interaction Name
POLB_IN364006CA	Request Query Results Provider or Location Response

Pharmacy

Interaction ID	Interaction Name
PORX_IN060290CA	Medication Prescription Summary Query
PORX_IN060300CA	Medication Prescription Summary Query Response
PORX_IN060250CA	Medication Prescription Detail Query
PORX_IN060260CA	Medication Prescription Detail Query Response
PORX_IN060370CA	Medication Profile Detail Query
PORX_IN060380CA	Medication Profile Detail Query Response
PORX_IN060390CA	Medication Profile Summary Query
PORX_IN060400CA	Medication Profile Summary Query Response
PORX_IN060350CA	Medication Profile Generic Query
PORX_IN060360CA	Medication Profile Generic Query Response
POME_IN010010CA	Drug Document Query
POME_IN010020CA	Drug Document Query Result
POME_IN010070CA	Drug Search Query
POME_IN010080CA	Drug Search Query Response
POME_IN010050CA	Drug Product Detail Query
POME_IN010060CA	Drug Product Detail Query Response
PORX_IN050030CA	Patient Drug Contraindication Query
PORX_IN050040CA	Patient Drug Contraindication Query Response
PORX_IN010380CA	Activate Prescription Request

Interaction ID	Interaction Name
PORX_IN010390CA	Activate Prescription Request Accepted
PORX_IN010400CA	Activate Prescription Request Refused
PORX_IN010560CA	Abort Dispense Authorization Request
PORX_IN010570CA	Abort Dispense Authorization Request Accepted
PORX_IN010580CA	Abort Dispense Authorization Request Refused
PORX_IN010840CA	Abort Prescription Request
PORX_IN010850CA	Abort Prescription Request Accepted
PORX_IN010860CA	Abort Prescription Request Refused
PORX_IN010440CA	Suspend Prescription Request
PORX_IN010450CA	Suspend Prescription Request Accepted
PORX_IN010460CA	Suspend Prescription Request Refused
PORX_IN010520CA	Resume Prescription Request
PORX_IN010530CA	Resume Prescription Request Accepted
PORX_IN010540CA	Resume Prescription Request Refused
PORX_IN040020CA	Record Other Medication Request
PORX_IN040030CA	Record Other Medication Request Accepted
PORX_IN040040CA	Record Other Medication Request Refused
PORX_IN040070CA	Update Other Medication Request
PORX_IN040080CA	Update Other Medication Request Accepted
PORX_IN040090CA	Update Other Medication Request Refused
PORX_IN010720CA	Prescription Renewal Request
PORX_IN010730CA	Prescription Renewal Request Accepted
PORX_IN010740CA	Prescription Renewal Request Refused

Interaction ID	Interaction Name
COMT_IN700001CA	Add Issue Management Request
COMT_IN700002CA	Add Issue Management Request Accepted
COMT_IN700003CA	Add Issue Management Request Refused

Shared Health Record

Interaction ID	Interaction Name
REPC_IN000012CA	Add allergy/intolerance request
REPC_IN000013CA	Add allergy/intolerance request accepted
REPC_IN000014CA	Add allergy/intolerance request refused
REPC_IN000020CA	Update allergy/intolerance request
REPC_IN000021CA	Update allergy/intolerance request accepted
REPC_IN000022CA	Update allergy/intolerance request refused
REPC_IN000015CA	Patient allergy/intolerance query
REPC_IN000016CA	Patient allergy/intolerance query response
REPC_IN000017CA	Patient allergy/intolerance with history query
REPC_IN000018CA	Patient allergy/intolerance query with history query response
REPC_IN000076CA	Record Discharge/Care Summary Request
REPC_IN000077CA	Record Discharge/Care Summary accepted
REPC_IN000078CA	Record Discharge/Care Summary refused
REPC_IN000086CA	Patient Discharge/Care Summaries Query
REPC_IN000087CA	Patient Discharge/Care Summaries Query Response
REPC_IN000092CA	Patient Discharge/Care Summaries Details Query
REPC_IN000093CA	Patient Discharge/Care Summaries Details Query Response

Appendix B – Example WSDL (Client Registry)

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<!--
```

This WSDL contains an example HL7 Version 3 Client Registry Query Web Service definitions for transactions using MR2009 R02.04.02 specs

The following HL7 transactions are implemented in this Web Service:

- [1] Find Candidates transaction
- [2] Get Person Demographics transaction
- [3] Polling request
- [4] Poll ack and get Next.

Author: Aversan Software Development <<http://www.aversan.com/>>

```
-->
```

```
<wsl:definitions xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://schemas.xmlsoap.org/wsl/ http://schemas.xmlsoap.org/wsl/"
    xmlns:soap="http://schemas.xmlsoap.org/wsl/soap/" xmlns="urn:hl7-org:v3"
    xmlns:wsl="http://schemas.xmlsoap.org/wsl/"
    xmlns:tes="http://www.infoway-inforoute.ca/tes"
    targetNamespace="urn:hl7-org:v3" xmlns:hl7="urn:hl7-org:v3"
    name="ClientRegistryQuery" xmlns:wsp="http://www.w3.org/ns/ws-policy"
    xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    xmlns:fi="http://java.sun.com/xml/ns/wsdl/2006/09/policy/fastinfoset/service"
    xmlns:tcp="http://java.sun.com/xml/ns/wsdl/2006/09/policy/soap/tcp/service"
    xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata"
    xmlns:wsm="http://docs.oasis-open.org/ws-rx/wsm/200702">
```

```

<wsdl:documentation>WSDL for Client Queries</wsdl:documentation>

<wsdl:types>

  <xs:schema xmlns:tes="http://www.infoway-inforoute.ca/tes"
    xmlns:xs="http://www.w3.org/2001/XMLSchema"

      xmlns:xsd="http://www.w3.org/2001/XMLSchema"

      elementFormDefault="qualified" attributeFormDefault="unqualified"

      targetNamespace="http://www.infoway-inforoute.ca/tes">

    <xs:include schemaLocation="Schemas/Aversan/AVERSAN_HEADER.xsd"/>

    <xs:include schemaLocation="Schemas/Aversan/AVERSAN_HEADER_FAULT.xsd"/>

  </xs:schema>

  <xs:schema xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"

    xmlns:xsd="http://www.w3.org/2001/XMLSchema"

    xmlns:hl7="urn:hl7-org:v3" elementFormDefault="qualified" attributeFormDefault="unqualified"

    targetNamespace="urn:hl7-org:v3">

    <xs:include schemaLocation="coreschemas/datatypes-base.xsd"/>

    <xs:include schemaLocation="coreschemas/datatypes.xsd"/>

    <xs:include schemaLocation="coreschemas/voc.xsd"/>

    <!-- ROOT-candidate definitions for the message bindings -->

    <xs:include schemaLocation="Schemas/PRPA_IN101101CA.xsd"/>

    <xs:include schemaLocation="Schemas/PRPA_IN101102CA.xsd"/>

    <xs:include schemaLocation="Schemas/PRPA_IN101103CA.xsd"/>

    <xs:include schemaLocation="Schemas/PRPA_IN101104CA.xsd"/>

    <xs:include schemaLocation="Schemas/MCCI_MT002200CA.xsd"/>

    <xs:include schemaLocation="Schemas/MCCI_IN100001CA.xsd"/>

    <xs:include schemaLocation="Schemas/MCCI_IN100004CA.xsd"/>

    <xs:include schemaLocation="Schemas/MCCI_IN100005CA.xsd"/>

    <xsd:element name="MCCI_MT002200CA" type="hl7:MCCI_MT002200CA.Acknowledgement">

  </xsd:element>

```

```

<xsd:element name="PRPA_IN101103CA-Response">
  <xsd:complexType>
    <xsd:choice>
      <xsd:element ref="hl7:PRPA_IN101104CA"/>
      <xsd:element ref="hl7:MCCI_MT002200CA"/>
    </xsd:choice>
  </xsd:complexType>
</xsd:element>

```

```

<xsd:element name="PRPA_IN101101CA-Response">
  <xsd:complexType>
    <xsd:choice>
      <xsd:element ref="hl7:PRPA_IN101102CA"/>
      <xsd:element ref="hl7:MCCI_MT002200CA"/>
    </xsd:choice>
  </xsd:complexType>
</xsd:element>

```

```

<xsd:element name="CLIENT_REGISTRY_MCCI_IN100004CA-Response">
  <xsd:complexType>
    <xsd:choice>
      <xsd:element ref="hl7:PRPA_IN101104CA"/>
      <xsd:element ref="hl7:PRPA_IN101102CA"/>
      <xsd:element ref="hl7:MCCI_IN100005CA"/>
    </xsd:choice>
  </xsd:complexType>
</xsd:element>

```



```

<xsd:element name="CLIENT_REGISTRY_MCCI_IN100001CA-Response">
  <xsd:complexType>
    <xsd:choice>
      <xsd:element ref="hl7:PRPA_IN101104CA"/>
      <xsd:element ref="hl7:PRPA_IN101102CA"/>
      <xsd:element ref="hl7:MCCI_IN100005CA"/>
    </xsd:choice>
  </xsd:complexType>
</xsd:element>
</xs:schema>
</wsdl:types>

<wsdl:message name="TES_HEADER">
  <wsdl:part name="RequestHeader" element="tes:TES_HIAL_HEADER"/>
</wsdl:message>

<wsdl:message name="PRPA_IN101103CA">
  <wsdl:documentation>Find Candidates Query</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PRPA_IN101103CA"/>
</wsdl:message>

<wsdl:message name="PRPA_IN101103CA-Response">
  <wsdl:documentation>Find Candidates Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PRPA_IN101103CA-Response"/>
</wsdl:message>

<wsdl:message name="PRPA_IN101101CA">
  <wsdl:documentation>Get Client Demographics Query Request</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PRPA_IN101101CA"/>

```

```
</wsdl:message>
```

```
<wsdl:message name="PRPA_IN101101CA-Response">
```

```
  <wsdl:documentation>Get Client Demographics Query Response</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:PRPA_IN101101CA-Response"/>
```

```
</wsdl:message>
```

```
<!-- This is for Polling operations -->
```

```
<wsdl:message name="MCCI_IN100001CA">
```

```
  <wsdl:documentation>Poll Request</wsdl:documentation>
```

```
  <wsdl:part name="Body" element="hl7:MCCI_IN100001CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="MCCI_IN100001CA-Response">
```

```
  <wsdl:documentation>Poll Response, exception or actual polled message</wsdl:documentation>
```

```
  <wsdl:part name="Body" element="hl7:CLIENT_REGISTRY_MCCI_IN100001CA-Response"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="MCCI_IN100004CA">
```

```
  <wsdl:documentation>Poll Request and Ack</wsdl:documentation>
```

```
  <wsdl:part name="Body" element="hl7:MCCI_IN100004CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="MCCI_IN100004CA-Response">
```

```
  <wsdl:documentation>Poll Response, exception or actual polled message</wsdl:documentation>
```

```
  <wsdl:part name="Body" element="hl7:CLIENT_REGISTRY_MCCI_IN100004CA-Response"/>
```

```
</wsdl:message>
```

```
<!-- Defines fault messages -->
```

```

<wsdl:message name="SOAP_FAULT">
    <wsdl:documentation>Errors reported with this message, contains the ack
    acknowledgement</wsdl:documentation>
    <wsdl:part name="body" element="hl7:MCCI_MT002200CA"/>
</wsdl:message>

<wsdl:message name="TES_HEADER_FAULT">
    <wsdl:part name="HeaderFault" element="tes:TES_HIAL_HEADER_FAULT"/>
</wsdl:message>

<wsdl:portType name="ClientRegistryService_PortType">
    <wsdl:operation name="PRPA_IN101101CA_I">
        <wsdl:input message="hl7:PRPA_IN101101CA"/>
        <wsdl:output message="hl7:PRPA_IN101101CA-Response"/>
        <wsdl:fault message="hl7:SOAP_FAULT" name="soapfault">
            </wsdl:fault>
        <wsdl:fault message="TES_HEADER_FAULT" name="headerfault">
            </wsdl:fault>
        </wsdl:operation>

    <wsdl:operation name="PRPA_IN101103CA_I">
        <wsdl:input message="hl7:PRPA_IN101103CA"/>
        <wsdl:output message="hl7:PRPA_IN101103CA-Response"/>
        <wsdl:fault message="hl7:SOAP_FAULT" name="soapfault">
            </wsdl:fault>
        <wsdl:fault message="TES_HEADER_FAULT" name="headerfault">
            </wsdl:fault>
        </wsdl:operation>

```

</wsdl:portType>

<wsdl:portType name="ClientRegistryServiceAsynch_PortType">

 <wsdl:operation name="PRPA_IN101103CA_I">

 <wsdl:input message="hl7:PRPA_IN101103CA"/>

 </wsdl:operation>

 <wsdl:operation name="PRPA_IN101101CA_I">

 <wsdl:input message="hl7:PRPA_IN101101CA"/>

 </wsdl:operation>

 <wsdl:operation name="MCCI_IN100004CA_I">

 <wsdl:input message="hl7:MCCI_IN100004CA"/>

 <wsdl:output message="hl7:MCCI_IN100004CA-Response"/>

 <wsdl:fault message="hl7:SOAP_FAULT" name="soapfault">

 </wsdl:fault>

 <wsdl:fault message="TES_HEADER_FAULT" name="headerfault">

 </wsdl:fault>

 </wsdl:operation>

 <wsdl:operation name="MCCI_IN100001CA_I">

 <wsdl:input message="hl7:MCCI_IN100001CA"/>

 <wsdl:output message="hl7:MCCI_IN100001CA-Response"/>

 <wsdl:fault message="hl7:SOAP_FAULT" name="soapfault">

 </wsdl:fault>

 <wsdl:fault message="TES_HEADER_FAULT" name="headerfault">

 </wsdl:fault>

 </wsdl:operation>

</wsdl:portType>

<wsdl:binding name="ClientRegistryQuery_Binding" type="hl7:ClientRegistryService_PortType">

<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>

<wsdl:operation name="PRPA_IN101101CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101101CA"/>

<wsdl:input>

<soap:body use="literal"/>

<soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>

</wsdl:input>

<wsdl:output>

<soap:body use="literal"/>

</wsdl:output>

<wsdl:fault name="soapfault">

<soap:fault use="literal" name="soapfault"/>

</wsdl:fault>

<wsdl:fault name="headerfault">

<soap:fault use="literal" name="headerfault"/>

</wsdl:fault>

</wsdl:operation>

<wsdl:operation name="PRPA_IN101103CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101103CA"/>

<wsdl:input>

<soap:body use="literal"/>

<soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>

</wsdl:input>

```

    <wsdl:output>
      <soap:body use="literal"/>
    </wsdl:output>

    <wsdl:fault name="soapfault">
      <soap:fault use="literal" name="soapfault"/>
    </wsdl:fault>

    <wsdl:fault name="headerfault">
      <soap:fault use="literal" name="headerfault"/>
    </wsdl:fault>
  </wsdl:operation>

</wsdl:binding>

<wsdl:binding name="ClientRegistryQuery_AsynchBinding" type="hl7:ClientRegistryServiceAsynch_PortType">
  <wsp:PolicyReference URI="#ClientRegistryQuery_AsynchBindingPolicy"/>
  <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
  <wsdl:operation name="PRPA_IN101103CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101103CA" style="document"/>
    <wsdl:input>
      <soap:body use="literal"/>
      <soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>
    </wsdl:input>
  </wsdl:operation>

  <wsdl:operation name="PRPA_IN101101CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101101CA" style="document"/>
    <wsdl:input>
      <soap:body use="literal"/>
      <soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>
    </wsdl:input>
  </wsdl:operation>

```

```

    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="MCCI_IN100001CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/MCCI_IN100001CA" style="document"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal"/>
  </wsdl:output>
  <wsdl:fault name="soapfault">
    <soap:fault use="literal" name="soapfault"/>
  </wsdl:fault>
  <wsdl:fault name="headerfault">
    <soap:fault use="literal" name="headerfault"/>
  </wsdl:fault>
</wsdl:operation>

<wsdl:operation name="MCCI_IN100004CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/MCCI_IN100004CA" style="document"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <soap:header use="literal" message="TES_HEADER" part="RequestHeader"/>
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal"/>
  </wsdl:output>

```

```

    <wsdl:fault name="soapfault">
      <soap:fault use="literal" name="soapfault"/>
    </wsdl:fault>
    <wsdl:fault name="headerfault">
      <soap:fault use="literal" name="headerfault"/>
    </wsdl:fault>
  </wsdl:operation>

</wsdl:binding>

<wsdl:service name="ClientRegistry">
  <wsdl:port name="ClientRegistryPort" binding="hl7:ClientRegistryQuery_Binding">
    <soap:address location="http://localhost:8080/D/SOAP11/R02.04.02/XML1.0/CLIENT_REGISTRY"/>
  </wsdl:port>

</wsdl:service>

<wsdl:service name="ClientRegistryAsync">
  <wsdl:port name="ClientRegistryAsyncPort" binding="hl7:ClientRegistryQuery_AsynchBinding">
    <soap:address location="http://localhost:8080/D/SOAP11/R02.04.02/XML1.0/CLIENT_REGISTRY/Asynch"/>
  </wsdl:port>

</wsdl:service>

<wsp:Policy wsu:Id="ClientRegistryQuery_AsynchBindingPolicy">
  <wsp:ExactlyOne>
    <wsp:All>
      <wsam:Addressing wsp:Optional="false"/>
      <wsrm:RMAssertion>
        <wsp:Policy>

```



```
<wsrm:DeliveryAssurance>
  <wsp:Policy>
    <wsrm:InOrder/>
  </wsp:Policy>
</wsrm:DeliveryAssurance>
</wsp:Policy>
</wsrm:RMAssertion>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
</wsdl:definitions>
```

Appendix C - Test Harness Header & Header Fault Schemas

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

  <xs:element name="TES_HIAL_HEADER">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ticketID" type="xs:long"/>
        <xs:element name="userID" type="xs:long"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

  <xs:element name="TES_HIAL_HEADER_FAULT">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="message" type="xs:string"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

Appendix C –WSDL For Deferred Callbacks (SAML)

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<!--
```

This WSDL contains an example HL7 Version 3 Common Query Web Service definitions for transactions using MR2009 R02.04.02 specs

The following HL7 transactions are implemented in this Web Service:

- [1] Find Candidates transaction
- [2] Get Person Demographics transaction
- [3] Polling request
- [4] Poll ack and get Next.

Author: Aversan Software Development <<http://www.aversan.com/>>

```
-->
```

```
<wsdl:definitions xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://schemas.xmlsoap.org/wsdl/ http://schemas.xmlsoap.org/wsdl/"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns="urn:hl7-org:v3"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  targetNamespace="urn:hl7-org:v3" xmlns:hl7="urn:hl7-org:v3"
  name="CommonQuery" xmlns:wsp="http://www.w3.org/ns/ws-policy" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
  xmlns:fi="http://java.sun.com/xml/ns/wsdl/2006/09/policy/fastinfoset/service"
  xmlns:tcp="http://java.sun.com/xml/ns/wsdl/2006/09/policy/soap/tcp/service"
  xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata" xmlns:sp="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702" xmlns:sc="http://schemas.sun.com/2006/03/wss/server"
  xmlns:wsp="http://java.sun.com/xml/ns/wsdl/policy">
  <wsdl:documentation> WSDL for Common Queries</wsdl:documentation>
  <wsdl:types>
```

```

<xs:schema xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema"
    xmlns:hl7="urn:hl7-org:v3" elementFormDefault="qualified"
attributeFormDefault="unqualified"

    targetNamespace="urn:hl7-org:v3">

    <xs:include schemaLocation="./coreschemas/datatypes-base.xsd"/>
    <xs:include schemaLocation="./coreschemas/datatypes.xsd"/>
    <xs:include schemaLocation="./coreschemas/voc.xsd"/>
    <!-- ROOT-candidate definitions for the message bindings -->
    <xs:include schemaLocation="./Schemas/PRPA_IN101102CA.xsd"/>
    <xs:include schemaLocation="./Schemas/PRPA_IN101104CA.xsd"/>

    <xs:include schemaLocation="./Schemas/PRPM_IN306011CA.xsd"/>

    <xs:include schemaLocation="./Schemas/POLB_IN364000CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POLB_IN364006CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POLB_IN224201CA.xsd"/>

    <xs:include schemaLocation="./Schemas/POIZ_IN010030CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN010040CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN010080CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN010090CA.xsd"/>
    <xs:include schemaLocation="./Schemas/COMT_IN600002CA.xsd"/>
    <xs:include schemaLocation="./Schemas/COMT_IN600003CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN021020CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN020020CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POIZ_IN070020CA.xsd"/>

    <xs:include schemaLocation="./Schemas/PORX_IN060300CA.xsd"/>

```

```

        <xs:include schemaLocation="./Schemas/PORX_IN060260CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN060380CA.xsd"/>
        <xs:include schemaLocation="./Schemas/PORX_IN060400CA.xsd"/>
        <xs:include schemaLocation="./Schemas/PORX_IN060360CA.xsd"/>
        <xs:include schemaLocation="./Schemas/POME_IN010020CA.xsd"/>
<xs:include schemaLocation="./Schemas/POME_IN010080CA.xsd"/>
<xs:include schemaLocation="./Schemas/POME_IN010060CA.xsd"/>
        <xs:include schemaLocation="./Schemas/PORX_IN050040CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010390CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010400CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010570CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010580CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010850CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010860CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010450CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010460CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010530CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010540CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040030CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040040CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040080CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040090CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010730CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010740CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN050040CA.xsd"/>
<xs:include schemaLocation="./Schemas/COMT_IN700002CA.xsd"/>
<xs:include schemaLocation="./Schemas/COMT_IN700003CA.xsd"/>

<xs:include schemaLocation="./Schemas/REPC_IN000013CA.xsd"/>

```

```

        <xs:include schemaLocation="./Schemas/REPC_IN000014CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000021CA.xsd"/>
        <xs:include schemaLocation="./Schemas/REPC_IN000022CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000016CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000018CA.xsd"/>
        <xs:include schemaLocation="./Schemas/REPC_IN000077CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000078CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000087CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000093CA.xsd"/>

    </xs:schema>

</wsdl:types>

<wsdl:message name="PRPA_IN101104CA-Response">
    <wsdl:documentation>Find Candidates Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPA_IN101104CA"/>
</wsdl:message>

<wsdl:message name="PRPA_IN101102CA-Response">
    <wsdl:documentation>Get Client Demographics Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPA_IN101102CA"/>
</wsdl:message>

<wsdl:message name="PRPM_IN306011CA-Response">
    <wsdl:documentation>Provider Details Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPM_IN306011CA"/>
</wsdl:message>

<wsdl:message name="POLB_IN364000CA-Response">

```

```

    <wsdl:documentation>Results Query Response</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POLB_IN364000CA"/>
</wsdl:message>

<wsdl:message name="POLB_IN364006CA-Response">
    <wsdl:documentation>Request Query Results Provider or Location Response</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POLB_IN364006CA"/>
</wsdl:message>

<wsdl:message name="POLB_IN224201CA-Response">
    <wsdl:documentation>Result Review Notification</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POLB_IN224201CA"/>
</wsdl:message>

<wsdl:message name="POIZ_IN010030CA-Response">
    <wsdl:documentation>Immunization Event Record Request Accepted</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POIZ_IN010030CA"/>
</wsdl:message>

<wsdl:message name="POIZ_IN010040CA-Response">
    <wsdl:documentation>Immunization Event Record Request Refused</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POIZ_IN010040CA"/>
</wsdl:message>

<wsdl:message name="POIZ_IN010080CA-Response">
    <wsdl:documentation>Drug Product Detail Query Response</wsdl:documentation>

    <wsdl:part name="body" element="hl7:POIZ_IN010080CA"/>
</wsdl:message>

```

```
<wsdl:message name="POIZ_IN010090CA-Response">  
  <wsdl:documentation>Update Immunization Request Refused</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:POIZ_IN010090CA"/>  
</wsdl:message>
```

```
<wsdl:message name="COMT_IN600002CA-Response">  
  <wsdl:documentation>Retract Action Request Accepted</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:COMT_IN600002CA"/>  
</wsdl:message>
```

```
<wsdl:message name="COMT_IN600003CA-Response">  
  <wsdl:documentation>Retract Action Request Refused</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:COMT_IN600003CA"/>  
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN021020CA-Response">  
  <wsdl:documentation>Immunization Candidate Query Response</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:POIZ_IN021020CA"/>  
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN020020CA-Response">  
  <wsdl:documentation>Immunization Candidate Query Response</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:POIZ_IN020020CA"/>  
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN070020CA-Response">  
  <wsdl:documentation>Patient Immunization Profile Query Response</wsdl:documentation>  
  <wsdl:part name="body" element="hl7:POIZ_IN070020CA"/>  
</wsdl:message>
```



```
<wsdl:message name="PORX_IN060300CA-Response">
  <wsdl:documentation>Medication Prescription Summary Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060300CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060260CA-Response">
  <wsdl:documentation>Medication Prescription Detail Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060260CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060380CA-Response">
  <wsdl:documentation>Medication Profile Detail Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060380CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060400CA-Response">
  <wsdl:documentation>Medication Profile Summary Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060400CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060360CA-Response">
  <wsdl:documentation>Medication Profile Generic Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060360CA"/>
</wsdl:message>
```

```
<wsdl:message name="POME_IN010020CA-Response">
  <wsdl:documentation>Drug Document Query Result</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POME_IN010020CA"/>
```

</wsdl:message>

<wsdl:message name="POME_IN010080CA-Response">

<wsdl:documentation>Drug Search Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:POME_IN010080CA"/>

</wsdl:message>

<wsdl:message name="POME_IN010060CA-Response">

<wsdl:documentation>Drug Product Detail Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:POME_IN010060CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN050040CA-Response">

<wsdl:documentation>Patient Drug Contraindication Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN050040CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010390CA-Response">

<wsdl:documentation>Activate Prescription Request Accepted</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010390CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010400CA-Response">

<wsdl:documentation>Activate Prescription Request Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010400CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010570CA-Response">

<wsdl:documentation>Abort Dispense Authorization Request Accepted</wsdl:documentation>

```
<wsdl:part name="body" element="hl7:PORX_IN010570CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010580CA-Response">
  <wsdl:documentation>Abort Dispense Authorization Request Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010580CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010850CA-Response">
  <wsdl:documentation>Abort Prescription Request Accepted</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010850CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010860CA-Response">
  <wsdl:documentation>Abort Prescription Request Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010860CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010450CA-Response">
  <wsdl:documentation>Suspend Prescription Request Accepted</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010450CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010460CA-Response">
  <wsdl:documentation>Suspend Prescription Request Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010460CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010530CA-Response">
```

```
<wsdl:documentation>Resume Prescription Request Accepted</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010530CA"/>

</wsdl:message>
```

```
<wsdl:message name="PORX_IN010540CA-Response">

  <wsdl:documentation>Resume Prescription Request Refused</wsdl:documentation>

  <wsdl:part name="body" element="hl7:PORX_IN010540CA"/>

</wsdl:message>
```

```
<wsdl:message name="REPC_IN000013CA-Response">

  <wsdl:documentation>Add Allergy/Intolerance Request Accepted</wsdl:documentation>

  <wsdl:part name="body" element="hl7:REPC_IN000013CA"/>

</wsdl:message>
```

```
<wsdl:message name="REPC_IN000014CA-Response">

  <wsdl:documentation>Add Allergy/Intolerance Refused</wsdl:documentation>

  <wsdl:part name="body" element="hl7:REPC_IN000014CA"/>

</wsdl:message>
```

```
<wsdl:message name="REPC_IN000021CA-Response">

  <wsdl:documentation>Update Allergy/Intolerance Accepted</wsdl:documentation>

  <wsdl:part name="body" element="hl7:REPC_IN000021CA"/>

</wsdl:message>
```

```
<wsdl:message name="REPC_IN000022CA-Response">

  <wsdl:documentation>Update Allergy/Intolerance Refused</wsdl:documentation>

  <wsdl:part name="body" element="hl7:REPC_IN000022CA"/>

</wsdl:message>
```

<wsdl:message name="REPC_IN000016CA-Response">

<wsdl:documentation>Patient Allergy/Intolerance Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000016CA"/>

</wsdl:message>

<wsdl:message name="REPC_IN000018CA-Response">

<wsdl:documentation>Patient Allergy/Intolerance with History Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000018CA"/>

</wsdl:message>

<wsdl:message name="REPC_IN000077CA-Response">

<wsdl:documentation>Record Discharge/Care Summary Accepted</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000077CA"/>

</wsdl:message>

<wsdl:message name="REPC_IN000078CA-Response">

<wsdl:documentation>Record Discharge/Care Summary Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000078CA"/>

</wsdl:message>

<wsdl:message name="REPC_IN000087CA-Response">

<wsdl:documentation>Patient Discharge/Care Summaries Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000087CA"/>

</wsdl:message>

<wsdl:message name="REPC_IN000093CA-Response">

<wsdl:documentation>Patient Discharge/Care Summary Details Query Response</wsdl:documentation>

<wsdl:part name="body" element="hl7:REPC_IN000093CA"/>

</wsdl:message>

```

    <wsdl:portType name="CommonCallback_PortType">
<!-- One way MEP -->
<wsdl:operation name="PRPA_IN101104CA_I">
    <wsdl:input message="hl7:PRPA_IN101104CA-Response"/>
    </wsdl:operation>

    <wsdl:operation name="PRPA_IN101102CA_I">
        <wsdl:input message="hl7:PRPA_IN101102CA-Response"/>
    </wsdl:operation>

<wsdl:operation name="PRPM_IN306011CA_I">
    <wsdl:input message="hl7:PRPM_IN306011CA-Response"/>
    </wsdl:operation>

<wsdl:operation name="POLB_IN364000CA_I">
    <wsdl:input message="hl7:POLB_IN364000CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POLB_IN364006CA_I">
    <wsdl:input message="hl7:POLB_IN364006CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POLB_IN224201CA_I">
    <wsdl:input message="hl7:POLB_IN224201CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010030CA_I">
    <wsdl:input message="hl7:POIZ_IN010030CA-Response"/>

```

</wsdl:operation>

<wsdl:operation name="POIZ_IN010040CA_I">

<wsdl:input message="hl7:POIZ_IN010040CA-Response"/>

</wsdl:operation>

<wsdl:operation name="POIZ_IN010080CA_I">

<wsdl:input message="hl7:POIZ_IN010080CA-Response"/>

</wsdl:operation>

<wsdl:operation name="POIZ_IN010090CA_I">

<wsdl:input message="hl7:POIZ_IN010090CA-Response"/>

</wsdl:operation>

<wsdl:operation name="COMT_IN600002CA_I">

<wsdl:input message="hl7:COMT_IN600002CA-Response"/>

</wsdl:operation>

<wsdl:operation name="COMT_IN600003CA_I">

<wsdl:input message="hl7:COMT_IN600003CA-Response"/>

</wsdl:operation>

<wsdl:operation name="POIZ_IN021020CA_I">

<wsdl:input message="hl7:POIZ_IN021020CA-Response"/>

</wsdl:operation>

<wsdl:operation name="POIZ_IN020020CA_I">

<wsdl:input message="hl7:POIZ_IN020020CA-Response"/>

</wsdl:operation>

```

<wsdl:operation name="POIZ_IN070020CA_I">
    <wsdl:input message="hl7:POIZ_IN070020CA-Response"/>
</wsdl:operation>

<wsdl:operation name="PORX_IN060300CA_I">
    <wsdl:input message="hl7:PORX_IN060300CA-Response"/>
</wsdl:operation>

<wsdl:operation name="PORX_IN060260CA_I">
    <wsdl:input message="hl7:PORX_IN060260CA-Response"/>
</wsdl:operation>

<wsdl:operation name="PORX_IN060380CA_I">
    <wsdl:input message="hl7:PORX_IN060380CA-Response"/>
</wsdl:operation>

<wsdl:operation name="PORX_IN060400CA_I">
    <wsdl:input message="hl7:PORX_IN060400CA-Response"/>
</wsdl:operation>

<wsdl:operation name="PORX_IN060360CA_I">
    <wsdl:input message="hl7:PORX_IN060360CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POME_IN010020CA_I">
    <wsdl:input message="hl7:POME_IN010020CA-Response"/>
</wsdl:operation>

```



```
<wsdl:operation name="POME_IN010080CA_I">  
  <wsdl:input message="hl7:POME_IN010080CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010060CA_I">  
  <wsdl:input message="hl7:POME_IN010060CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN050040CA_I">  
  <wsdl:input message="hl7:PORX_IN050040CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010390CA_I">  
  <wsdl:input message="hl7:PORX_IN010390CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010400CA_I">  
  <wsdl:input message="hl7:PORX_IN010400CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010570CA_I">  
  <wsdl:input message="hl7:PORX_IN010570CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010580CA_I">  
  <wsdl:input message="hl7:PORX_IN010580CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010850CA_I">
```

```
<wsdl:input message="hl7:PORX_IN010850CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010860CA_I">
  <wsdl:input message="hl7:PORX_IN010860CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010450CA_I">
  <wsdl:input message="hl7:PORX_IN010450CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010460CA_I">
  <wsdl:input message="hl7:PORX_IN010460CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010530CA_I">
  <wsdl:input message="hl7:PORX_IN010530CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010540CA_I">
  <wsdl:input message="hl7:PORX_IN010540CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000013CA_I">
  <wsdl:input message="hl7:REPC_IN000013CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000014CA_I">
  <wsdl:input message="hl7:REPC_IN000014CA-Response"/>
```

</wsdl:operation>

<wsdl:operation name="REPC_IN000021CA_I">

<wsdl:input message="hl7:REPC_IN000021CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000022CA_I">

<wsdl:input message="hl7:REPC_IN000022CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000016CA_I">

<wsdl:input message="hl7:REPC_IN000016CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000018CA_I">

<wsdl:input message="hl7:REPC_IN000018CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000077CA_I">

<wsdl:input message="hl7:REPC_IN000077CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000078CA_I">

<wsdl:input message="hl7:REPC_IN000078CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000087CA_I">

<wsdl:input message="hl7:REPC_IN000087CA-Response"/>

</wsdl:operation>

```

<wsdl:operation name="REPC_IN000093CA_I">
    <wsdl:input message="hl7:REPC_IN000093CA-Response"/>
</wsdl:operation>

</wsdl:portType>

<wsdl:binding name="CommonCallback_Binding" type="hl7:CommonCallback_PortType">
    <wsp:PolicyReference URI="#CommonCallback_BindingPolicy"/>
    <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="PRPA_IN101104CA_I">
        <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101104CA_I"/>
        <wsdl:input>
            <soap:body use="literal"/>
            <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
        </wsdl:input>
    </wsdl:operation>

    <wsdl:operation name="PRPA_IN101102CA_I">
        <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101102CA_I"/>
        <wsdl:input>
            <soap:body use="literal"/>
            <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
        </wsdl:input>
    </wsdl:operation>

    <wsdl:operation name="PRPM_IN306011CA_I">

```

```

<soap:operation soapAction="urn:hl7-org:v3/PRPM_IN306011CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POLB_IN364000CA_I">
<soap:operation soapAction="urn:hl7-org:v3/POLB_IN364000CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POLB_IN364006CA_I">
<soap:operation soapAction="urn:hl7-org:v3/POLB_IN364006CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POLB_IN224201CA_I">
<soap:operation soapAction="urn:hl7-org:v3/POLB_IN224201CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

```

```

    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010030CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010030CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010040CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010040CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010080CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010080CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010090CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010090CA_I"/>

```

```
<wsdl:input>
  <soap:body use="literal"/>
  <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
</wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="COMT_IN600002CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/COMT_IN600002CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="COMT_IN600003CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/COMT_IN600003CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN021020CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN021020CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN020020CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN020020CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN070020CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN070020CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060300CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060300CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060260CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060260CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
```



```
<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
</wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060380CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060380CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060400CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060400CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060360CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060360CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010020CA_I">
```

```
<soap:operation soapAction="urn:hl7-org:v3/POME_IN010020CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010080CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/POME_IN010080CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010060CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/POME_IN010060CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN050040CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN050040CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>
```

</wsdl:operation>

<wsdl:operation name="PORX_IN010390CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PORX_IN010390CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010400CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PORX_IN010400CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010570CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PORX_IN010570CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010580CA_I">

<soap:operation soapAction="urn:hl7-org:v3/PORX_IN010580CA_I"/>

<wsdl:input>

```

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010850CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010850CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010860CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010860CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="PORX_IN010450CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010450CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

```

```
<wsdl:operation name="PORX_IN010460CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010460CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010530CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010530CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010540CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010540CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000013CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000013CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>
```

```

    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000014CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000014CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000021CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000021CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000022CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000022CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000016CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000016CA_I"/>

```

```
<wsdl:input>
  <soap:body use="literal"/>
  <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
</wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000018CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000018CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000077CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000077CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000078CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000078CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```

<wsdl:operation name="REPC_IN000087CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000087CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000093CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000093CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

</wsdl:binding>

<wsdl:service name="CommonCallbackSaml">
  <wsdl:port name="CommonCallbackSamlPort" binding="hl7:CommonCallback_Binding">
    <soap:address location="http://localhost:8080/CommonCallbackSaml"/>
  </wsdl:port>
</wsdl:service>

<wsp:Policy wsu:Id="CommonCallback_BindingPolicy">
  <wsp:ExactlyOne>
    <wsp:All>
      <wsam:Addressing wsp:Optional="false"/>
      <sp:AsymmetricBinding>
        <wsp:Policy>

```



```

<sp:InitiatorToken>

  <wsp:Policy>

    <sp:X509Token sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702/IncludeToken/AlwaysToRecipient">

      <wsp:Policy>

        <sp:WssX509V3Token10/>

        <sp:RequireIssuerSerialReference/>

      </wsp:Policy>

    </sp:X509Token>

  </wsp:Policy>

</sp:InitiatorToken>

<sp:RecipientToken>

  <wsp:Policy>

    <sp:X509Token sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702/IncludeToken/Never">

      <wsp:Policy>

        <sp:WssX509V3Token10/>

        <sp:RequireIssuerSerialReference/>

      </wsp:Policy>

    </sp:X509Token>

  </wsp:Policy>

</sp:RecipientToken>

<sp:Layout>

  <wsp:Policy>

    <sp:Strict/>

  </wsp:Policy>

</sp:Layout>

<sp:IncludeTimestamp/>

<sp:OnlySignEntireHeadersAndBody/>

<sp:AlgorithmSuite>

```

```

    <wsp:Policy>
      <sp:Basic128/>
    </wsp:Policy>
  </sp:AlgorithmSuite>
</wsp:Policy>
</sp:AsymmetricBinding>
<sp:Wss10>
  <wsp:Policy>
    <sp:MustSupportRefIssuerSerial/>
  </wsp:Policy>
</sp:Wss10>
<sp:SignedEncryptedSupportingTokens>
  <wsp:Policy>
    <sp:SamIToken sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702/IncludeToken/AlwaysToRecipient">
      <wsp:Policy>
        <sp:WssSamIV11Token10/>
      </wsp:Policy>
    </sp:SamIToken>
  </wsp:Policy>
</sp:SignedEncryptedSupportingTokens>
<sc:KeyStore wspp:visibility="private" location="C:\temp\certificates\keystore.jks" type="JKS" storepass="changeit"
alias="xws-security-server"/>
<sc:TrustStore wspp:visibility="private" location="C:\temp\certificates\cacerts.jks" type="JKS"
storepass="changeit"/>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
<wsp:Policy wsu:Id="CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy">
  <wsp:ExactlyOne>

```

```
<wsp:All>  
  <sp:EncryptedParts>  
    <sp:Body/>  
  </sp:EncryptedParts>  
  <sp:SignedParts>  
    <sp:Body/>  
  </sp:SignedParts>  
</wsp:All>  
</wsp:ExactlyOne>  
</wsp:Policy>  
</wsdl:definitions>
```

Appendix D –WSDL For Deferred Callbacks (Username Token)

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<!--
```

This WSDL contains an example HL7 Version 3 Common Query Web Service definitions for transactions using MR2009 R02.04.02 specs

The following HL7 transactions are implemented in this Web Service:

[1] Find Candidates transaction

[2] Get Person Demographics transaction

[3] Polling request

[4] Poll ack and get Next.

Author: Aversan Software Development <<http://www.aversan.com/>>

```
-->
```

```
<wsdl:definitions xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://schemas.xmlsoap.org/wsdl/ http://schemas.xmlsoap.org/wsdl/"
    xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns="urn:hl7-org:v3"
    xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
    targetNamespace="urn:hl7-org:v3" xmlns:hl7="urn:hl7-org:v3"
    name="CommonQuery" xmlns:wsp="http://www.w3.org/ns/ws-policy" xmlns:wsu="http://docs.oasis-
open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    xmlns:fi="http://java.sun.com/xml/ns/wsdl/2006/09/policy/fastinfoset/service"
    xmlns:tcp="http://java.sun.com/xml/ns/wsdl/2006/09/policy/soaptcp/service"
    xmlns:wsam="http://www.w3.org/2007/05/addressing/metadata" xmlns:sp="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702" xmlns:sc="http://schemas.sun.com/2006/03/wss/server"
    xmlns:wsp="http://java.sun.com/xml/ns/wsdl/policy">
    <wsdl:documentation> WSDL for Common Queries</wsdl:documentation>
    <wsdl:types>
        <xs:schema xmlns="urn:hl7-org:v3" xmlns:xs="http://www.w3.org/2001/XMLSchema"
```

```

xmlns:xsd="http://www.w3.org/2001/XMLSchema"

xmlns:hl7="urn:hl7-org:v3" elementFormDefault="qualified"
attributeFormDefault="unqualified"

targetNamespace="urn:hl7-org:v3">

<xs:include schemaLocation="./coreschemas/datatypes-base.xsd"/>

<xs:include schemaLocation="./coreschemas/datatypes.xsd"/>

<xs:include schemaLocation="./coreschemas/voc.xsd"/>

<!-- ROOT-candidate definitions for the message bindings -->

<xs:include schemaLocation="./Schemas/PRPA_IN101102CA.xsd"/>

<xs:include schemaLocation="./Schemas/PRPA_IN101104CA.xsd"/>


<xs:include schemaLocation="./Schemas/PRPM_IN306011CA.xsd"/>


<xs:include schemaLocation="./Schemas/POLB_IN364000CA.xsd"/>

<xs:include schemaLocation="./Schemas/POLB_IN364006CA.xsd"/>

<xs:include schemaLocation="./Schemas/POLB_IN224201CA.xsd"/>


<xs:include schemaLocation="./Schemas/POIZ_IN010030CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN010040CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN010080CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN010090CA.xsd"/>

<xs:include schemaLocation="./Schemas/COMT_IN600002CA.xsd"/>

<xs:include schemaLocation="./Schemas/COMT_IN600003CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN021020CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN020020CA.xsd"/>

<xs:include schemaLocation="./Schemas/POIZ_IN070020CA.xsd"/>


<xs:include schemaLocation="./Schemas/PORX_IN060300CA.xsd"/>

<xs:include schemaLocation="./Schemas/PORX_IN060260CA.xsd"/>

```

```

<xs:include schemaLocation="./Schemas/PORX_IN060380CA.xsd"/>
    <xs:include schemaLocation="./Schemas/PORX_IN060400CA.xsd"/>
    <xs:include schemaLocation="./Schemas/PORX_IN060360CA.xsd"/>
    <xs:include schemaLocation="./Schemas/POME_IN010020CA.xsd"/>
<xs:include schemaLocation="./Schemas/POME_IN010080CA.xsd"/>
<xs:include schemaLocation="./Schemas/POME_IN010060CA.xsd"/>
    <xs:include schemaLocation="./Schemas/PORX_IN050040CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010390CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010400CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010570CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010580CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010850CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010860CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010450CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010460CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010530CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010540CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040030CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040040CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040080CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN040090CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010730CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN010740CA.xsd"/>
<xs:include schemaLocation="./Schemas/PORX_IN050040CA.xsd"/>
<xs:include schemaLocation="./Schemas/COMT_IN700002CA.xsd"/>
<xs:include schemaLocation="./Schemas/COMT_IN700003CA.xsd"/>

<xs:include schemaLocation="./Schemas/REPC_IN000013CA.xsd"/>
    <xs:include schemaLocation="./Schemas/REPC_IN000014CA.xsd"/>

```

```

<xs:include schemaLocation="./Schemas/REPC_IN000021CA.xsd"/>
    <xs:include schemaLocation="./Schemas/REPC_IN000022CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000016CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000018CA.xsd"/>
    <xs:include schemaLocation="./Schemas/REPC_IN000077CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000078CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000087CA.xsd"/>
<xs:include schemaLocation="./Schemas/REPC_IN000093CA.xsd"/>

</xs:schema>

</wsdl:types>

<wsdl:message name="PRPA_IN101104CA-Response">
    <wsdl:documentation>Find Candidates Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPA_IN101104CA"/>
</wsdl:message>

<wsdl:message name="PRPA_IN101102CA-Response">
    <wsdl:documentation>Get Client Demographics Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPA_IN101102CA"/>
</wsdl:message>

<wsdl:message name="PRPM_IN306011CA-Response">
    <wsdl:documentation>Provider Details Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:PRPM_IN306011CA"/>
</wsdl:message>

<wsdl:message name="POLB_IN364000CA-Response">
    <wsdl:documentation>Results Query Response</wsdl:documentation>

```

```
<wsdl:part name="body" element="hl7:POLB_IN364000CA"/>
</wsdl:message>
```

```
<wsdl:message name="POLB_IN364006CA-Response">
  <wsdl:documentation>Request Query Results Provider or Location Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POLB_IN364006CA"/>
</wsdl:message>
```

```
<wsdl:message name="POLB_IN224201CA-Response">
  <wsdl:documentation>Result Review Notification</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POLB_IN224201CA"/>
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN010030CA-Response">
  <wsdl:documentation>Immunization Event Record Request Accepted</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POIZ_IN010030CA"/>
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN010040CA-Response">
  <wsdl:documentation>Immunization Event Record Request Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POIZ_IN010040CA"/>
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN010080CA-Response">
  <wsdl:documentation>Drug Product Detail Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POIZ_IN010080CA"/>
</wsdl:message>
```

```
<wsdl:message name="POIZ_IN010090CA-Response">
```



```
<wsdl:documentation>Update Immunization Request Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:POIZ_IN010090CA"/>

</wsdl:message>
```

```
<wsdl:message name="COMT_IN600002CA-Response">

  <wsdl:documentation>Retract Action Request Accepted</wsdl:documentation>

  <wsdl:part name="body" element="hl7:COMT_IN600002CA"/>

</wsdl:message>
```

```
<wsdl:message name="COMT_IN600003CA-Response">

  <wsdl:documentation>Retract Action Request Refused</wsdl:documentation>

  <wsdl:part name="body" element="hl7:COMT_IN600003CA"/>

</wsdl:message>
```

```
<wsdl:message name="POIZ_IN021020CA-Response">

  <wsdl:documentation>Immunization Candidate Query Response</wsdl:documentation>

  <wsdl:part name="body" element="hl7:POIZ_IN021020CA"/>

</wsdl:message>
```

```
<wsdl:message name="POIZ_IN020020CA-Response">

  <wsdl:documentation>Immunization Candidate Query Response</wsdl:documentation>

  <wsdl:part name="body" element="hl7:POIZ_IN020020CA"/>

</wsdl:message>
```

```
<wsdl:message name="POIZ_IN070020CA-Response">

  <wsdl:documentation>Patient Immunization Profile Query Response</wsdl:documentation>

  <wsdl:part name="body" element="hl7:POIZ_IN070020CA"/>

</wsdl:message>
```

```
<wsdl:message name="PORX_IN060300CA-Response">
  <wsdl:documentation>Medication Prescription Summary Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060300CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060260CA-Response">
  <wsdl:documentation>Medication Prescription Detail Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060260CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060380CA-Response">
  <wsdl:documentation>Medication Profile Detail Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060380CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060400CA-Response">
  <wsdl:documentation>Medication Profile Summary Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060400CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN060360CA-Response">
  <wsdl:documentation>Medication Profile Generic Query Response</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN060360CA"/>
</wsdl:message>
```

```
<wsdl:message name="POME_IN010020CA-Response">
  <wsdl:documentation>Drug Document Query Result</wsdl:documentation>
  <wsdl:part name="body" element="hl7:POME_IN010020CA"/>
</wsdl:message>
```

```
<wsdl:message name="POME_IN010080CA-Response">
```

```
  <wsdl:documentation>Drug Search Query Response</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:POME_IN010080CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="POME_IN010060CA-Response">
```

```
  <wsdl:documentation>Drug Product Detail Query Response</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:POME_IN010060CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="PORX_IN050040CA-Response">
```

```
  <wsdl:documentation>Patient Drug Contraindication Query Response</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:PORX_IN050040CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010390CA-Response">
```

```
  <wsdl:documentation>Activate Prescription Request Accepted</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:PORX_IN010390CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010400CA-Response">
```

```
  <wsdl:documentation>Activate Prescription Request Refused</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:PORX_IN010400CA"/>
```

```
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010570CA-Response">
```

```
  <wsdl:documentation>Abort Dispense Authorization Request Accepted</wsdl:documentation>
```

```
  <wsdl:part name="body" element="hl7:PORX_IN010570CA"/>
```

</wsdl:message>

<wsdl:message name="PORX_IN010580CA-Response">

<wsdl:documentation>Abort Dispense Authorization Request Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010580CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010850CA-Response">

<wsdl:documentation>Abort Prescription Request Accepted</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010850CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010860CA-Response">

<wsdl:documentation>Abort Prescription Request Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010860CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010450CA-Response">

<wsdl:documentation>Suspend Prescription Request Accepted</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010450CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010460CA-Response">

<wsdl:documentation>Suspend Prescription Request Refused</wsdl:documentation>

<wsdl:part name="body" element="hl7:PORX_IN010460CA"/>

</wsdl:message>

<wsdl:message name="PORX_IN010530CA-Response">

<wsdl:documentation>Resume Prescription Request Accepted</wsdl:documentation>

```
<wsdl:part name="body" element="hl7:PORX_IN010530CA"/>
</wsdl:message>
```

```
<wsdl:message name="PORX_IN010540CA-Response">
  <wsdl:documentation>Resume Prescription Request Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:PORX_IN010540CA"/>
</wsdl:message>
```

```
<wsdl:message name="REPC_IN000013CA-Response">
  <wsdl:documentation>Add Allergy/Intolerance Request Accepted</wsdl:documentation>
  <wsdl:part name="body" element="hl7:REPC_IN000013CA"/>
</wsdl:message>
```

```
<wsdl:message name="REPC_IN000014CA-Response">
  <wsdl:documentation>Add Allergy/Intolerance Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:REPC_IN000014CA"/>
</wsdl:message>
```

```
<wsdl:message name="REPC_IN000021CA-Response">
  <wsdl:documentation>Update Allergy/Intolerance Accepted</wsdl:documentation>
  <wsdl:part name="body" element="hl7:REPC_IN000021CA"/>
</wsdl:message>
```

```
<wsdl:message name="REPC_IN000022CA-Response">
  <wsdl:documentation>Update Allergy/Intolerance Refused</wsdl:documentation>
  <wsdl:part name="body" element="hl7:REPC_IN000022CA"/>
</wsdl:message>
```

```
<wsdl:message name="REPC_IN000016CA-Response">
```

```

    <wsdl:documentation>Patient Allergy/Intolerance Query Response</wsdl:documentation>

    <wsdl:part name="body" element="hl7:REPC_IN000016CA"/>
</wsdl:message>

<wsdl:message name="REPC_IN000018CA-Response">
    <wsdl:documentation>Patient Allergy/Intolerance with History Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:REPC_IN000018CA"/>
</wsdl:message>

<wsdl:message name="REPC_IN000077CA-Response">
    <wsdl:documentation>Record Discharge/Care Summary Accepted</wsdl:documentation>
    <wsdl:part name="body" element="hl7:REPC_IN000077CA"/>
</wsdl:message>

<wsdl:message name="REPC_IN000078CA-Response">
    <wsdl:documentation>Record Discharge/Care Summary Refused</wsdl:documentation>
    <wsdl:part name="body" element="hl7:REPC_IN000078CA"/>
</wsdl:message>

<wsdl:message name="REPC_IN000087CA-Response">
    <wsdl:documentation>Patient Discharge/Care Summaries Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:REPC_IN000087CA"/>
</wsdl:message>

<wsdl:message name="REPC_IN000093CA-Response">
    <wsdl:documentation>Patient Discharge/Care Summary Details Query Response</wsdl:documentation>
    <wsdl:part name="body" element="hl7:REPC_IN000093CA"/>
</wsdl:message>

```

```

    <wsdl:portType name="CommonCallback_PortType">
<!-- ONe way MEP -->
<wsdl:operation name="PRPA_IN101104CA_I">
    <wsdl:input message="hl7:PRPA_IN101104CA-Response"/>
    </wsdl:operation>

    <wsdl:operation name="PRPA_IN101102CA_I">
        <wsdl:input message="hl7:PRPA_IN101102CA-Response"/>
    </wsdl:operation>

<wsdl:operation name="PRPM_IN306011CA_I">
    <wsdl:input message="hl7:PRPM_IN306011CA-Response"/>
    </wsdl:operation>

<wsdl:operation name="POLB_IN364000CA_I">
    <wsdl:input message="hl7:POLB_IN364000CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POLB_IN364006CA_I">
    <wsdl:input message="hl7:POLB_IN364006CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POLB_IN224201CA_I">
    <wsdl:input message="hl7:POLB_IN224201CA-Response"/>
</wsdl:operation>

<wsdl:operation name="POIZ_IN010030CA_I">
    <wsdl:input message="hl7:POIZ_IN010030CA-Response"/>
</wsdl:operation>

```

```
<wsdl:operation name="POIZ_IN010040CA_I">  
  <wsdl:input message="hl7:POIZ_IN010040CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN010080CA_I">  
  <wsdl:input message="hl7:POIZ_IN010080CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN010090CA_I">  
  <wsdl:input message="hl7:POIZ_IN010090CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="COMT_IN600002CA_I">  
  <wsdl:input message="hl7:COMT_IN600002CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="COMT_IN600003CA_I">  
  <wsdl:input message="hl7:COMT_IN600003CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN021020CA_I">  
  <wsdl:input message="hl7:POIZ_IN021020CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POIZ_IN020020CA_I">  
  <wsdl:input message="hl7:POIZ_IN020020CA-Response"/>  
</wsdl:operation>
```



```
<wsdl:operation name="POIZ_IN070020CA_I">  
  <wsdl:input message="hl7:POIZ_IN070020CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060300CA_I">  
  <wsdl:input message="hl7:PORX_IN060300CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060260CA_I">  
  <wsdl:input message="hl7:PORX_IN060260CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060380CA_I">  
  <wsdl:input message="hl7:PORX_IN060380CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060400CA_I">  
  <wsdl:input message="hl7:PORX_IN060400CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060360CA_I">  
  <wsdl:input message="hl7:PORX_IN060360CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010020CA_I">  
  <wsdl:input message="hl7:POME_IN010020CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010080CA_I">
```

```
<wsdl:input message="hl7:POME_IN010080CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010060CA_I">
  <wsdl:input message="hl7:POME_IN010060CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN050040CA_I">
  <wsdl:input message="hl7:PORX_IN050040CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010390CA_I">
  <wsdl:input message="hl7:PORX_IN010390CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010400CA_I">
  <wsdl:input message="hl7:PORX_IN010400CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010570CA_I">
  <wsdl:input message="hl7:PORX_IN010570CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010580CA_I">
  <wsdl:input message="hl7:PORX_IN010580CA-Response"/>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010850CA_I">
  <wsdl:input message="hl7:PORX_IN010850CA-Response"/>
```

</wsdl:operation>

<wsdl:operation name="PORX_IN010860CA_I">

<wsdl:input message="hl7:PORX_IN010860CA-Response"/>

</wsdl:operation>

<wsdl:operation name="PORX_IN010450CA_I">

<wsdl:input message="hl7:PORX_IN010450CA-Response"/>

</wsdl:operation>

<wsdl:operation name="PORX_IN010460CA_I">

<wsdl:input message="hl7:PORX_IN010460CA-Response"/>

</wsdl:operation>

<wsdl:operation name="PORX_IN010530CA_I">

<wsdl:input message="hl7:PORX_IN010530CA-Response"/>

</wsdl:operation>

<wsdl:operation name="PORX_IN010540CA_I">

<wsdl:input message="hl7:PORX_IN010540CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000013CA_I">

<wsdl:input message="hl7:REPC_IN000013CA-Response"/>

</wsdl:operation>

<wsdl:operation name="REPC_IN000014CA_I">

<wsdl:input message="hl7:REPC_IN000014CA-Response"/>

</wsdl:operation>

```
<wsdl:operation name="REPC_IN000021CA_I">  
  <wsdl:input message="hl7:REPC_IN000021CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000022CA_I">  
  <wsdl:input message="hl7:REPC_IN000022CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000016CA_I">  
  <wsdl:input message="hl7:REPC_IN000016CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000018CA_I">  
  <wsdl:input message="hl7:REPC_IN000018CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000077CA_I">  
  <wsdl:input message="hl7:REPC_IN000077CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000078CA_I">  
  <wsdl:input message="hl7:REPC_IN000078CA-Response"/>  
</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000087CA_I">  
  <wsdl:input message="hl7:REPC_IN000087CA-Response"/>  
</wsdl:operation>
```

```

<wsdl:operation name="REPC_IN000093CA_I">
    <wsdl:input message="hl7:REPC_IN000093CA-Response"/>
</wsdl:operation>

</wsdl:portType>

<wsdl:binding name="CommonCallback_Binding" type="hl7:CommonCallback_PortType">
    <wsp:PolicyReference URI="#CommonCallback_BindingPolicy"/>
    <soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
    <wsdl:operation name="PRPA_IN101104CA_I">
        <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101104CA_I"/>
        <wsdl:input>
            <soap:body use="literal"/>
            <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
        </wsdl:input>
    </wsdl:operation>

    <wsdl:operation name="PRPA_IN101102CA_I">
        <soap:operation soapAction="urn:hl7-org:v3/PRPA_IN101102CA_I"/>
        <wsdl:input>
            <soap:body use="literal"/>
            <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
        </wsdl:input>
    </wsdl:operation>

    <wsdl:operation name="PRPM_IN306011CA_I">
        <soap:operation soapAction="urn:hl7-org:v3/PRPM_IN306011CA_I"/>

```

```

        <wsdl:input>
            <soap:body use="literal"/>
            <wsp:PolicyReference
URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
        </wsdl:input>
    </wsdl:operation>

```

```

<wsdl:operation name="POLB_IN364000CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/POLB_IN364000CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POLB_IN364006CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/POLB_IN364006CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POLB_IN224201CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/POLB_IN224201CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>

```

</wsdl:operation>

<wsdl:operation name="POIZ_IN010030CA_I">

<soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010030CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="POIZ_IN010040CA_I">

<soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010040CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="POIZ_IN010080CA_I">

<soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010080CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="POIZ_IN010090CA_I">

<soap:operation soapAction="urn:hl7-org:v3/POIZ_IN010090CA_I"/>

<wsdl:input>

```

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="COMT_IN600002CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/COMT_IN600002CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="COMT_IN600003CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/COMT_IN600003CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="POIZ_IN021020CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN021020CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

```



```

<wsdl:operation name="POIZ_IN020020CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN020020CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="POIZ_IN070020CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POIZ_IN070020CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="PORX_IN060300CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060300CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

```

```

<wsdl:operation name="PORX_IN060260CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060260CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

```

```
</wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060380CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060380CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060400CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060400CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN060360CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN060360CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010020CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/POME_IN010020CA_I"/>
```

```
<wsdl:input>
  <soap:body use="literal"/>
  <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
</wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010080CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POME_IN010080CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="POME_IN010060CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/POME_IN010060CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN050040CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN050040CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010390CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010390CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010400CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010400CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010570CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010570CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>  
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>  
  </wsdl:input>  
</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010580CA_I">  
  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010580CA_I"/>  
  <wsdl:input>  
    <soap:body use="literal"/>
```

```

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="PORX_IN010850CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010850CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="PORX_IN010860CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010860CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="PORX_IN010450CA_I">
    <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010450CA_I"/>
    <wsdl:input>
        <soap:body use="literal"/>
        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
    </wsdl:input>
</wsdl:operation>

<wsdl:operation name="PORX_IN010460CA_I">

```

```
<soap:operation soapAction="urn:hl7-org:v3/PORX_IN010460CA_I"/>

<wsdl:input>

  <soap:body use="literal"/>

  <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010530CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010530CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="PORX_IN010540CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/PORX_IN010540CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>

</wsdl:operation>
```

```
<wsdl:operation name="REPC_IN000013CA_I">

  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000013CA_I"/>

  <wsdl:input>

    <soap:body use="literal"/>

    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

  </wsdl:input>
```

</wsdl:operation>

<wsdl:operation name="REPC_IN000014CA_I">

<soap:operation soapAction="urn:hl7-org:v3/REPC_IN000014CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000021CA_I">

<soap:operation soapAction="urn:hl7-org:v3/REPC_IN000021CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000022CA_I">

<soap:operation soapAction="urn:hl7-org:v3/REPC_IN000022CA_I"/>

<wsdl:input>

<soap:body use="literal"/>

<wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

</wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000016CA_I">

<soap:operation soapAction="urn:hl7-org:v3/REPC_IN000016CA_I"/>

<wsdl:input>

```

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000018CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000018CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000077CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000077CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

<wsdl:operation name="REPC_IN000078CA_I">

    <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000078CA_I"/>

    <wsdl:input>

        <soap:body use="literal"/>

        <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>

    </wsdl:input>

</wsdl:operation>

```



```

<wsdl:operation name="REPC_IN000087CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000087CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

<wsdl:operation name="REPC_IN000093CA_I">
  <soap:operation soapAction="urn:hl7-org:v3/REPC_IN000093CA_I"/>
  <wsdl:input>
    <soap:body use="literal"/>
    <wsp:PolicyReference URI="#CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy"/>
  </wsdl:input>
</wsdl:operation>

</wsdl:binding>

<wsdl:service name="CommonCallbackUsertoken">
  <wsdl:port name="CommonCallbackUsertokenPort" binding="hl7:CommonCallback_Binding">
    <soap:address location="http://localhost:8080/CommonUserTokenCallback"/>
  </wsdl:port>
</wsdl:service>

<wsp:Policy wsu:Id="CommonCallback_BindingPolicy">
  <wsp:ExactlyOne>
    <wsp:All>
      <wsam:Addressing wsp:Optional="false"/>
      <sp:SymmetricBinding>
        <wsp:Policy>
          <sp:ProtectionToken>

```

```

    <wsp:Policy>

      <sp:X509Token sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702/IncludeToken/Never">

        <wsp:Policy>

          <sp:WssX509V3Token10/>

          <sp:RequireIssuerSerialReference/>

        </wsp:Policy>

      </sp:X509Token>

    </wsp:Policy>

  </sp:ProtectionToken>

</sp:Layout>

<wsp:Policy>

  <sp:Strict/>

</wsp:Policy>

</sp:Layout>

<sp:IncludeTimestamp/>

<sp:OnlySignEntireHeadersAndBody/>

<sp:AlgorithmSuite>

  <wsp:Policy>

    <sp:Basic128/>

  </wsp:Policy>

</sp:AlgorithmSuite>

</wsp:Policy>

</sp:SymmetricBinding>

<sp:Wss11>

  <wsp:Policy>

    <sp:MustSupportRefIssuerSerial/>

    <sp:MustSupportRefThumbprint/>

    <sp:MustSupportRefEncryptedKey/>

```

```

</wsp:Policy>

</sp:Wss11>

<sp:SignedEncryptedSupportingTokens>

  <wsp:Policy>

    <sp:UsernameToken sp:IncludeToken="http://docs.oasis-open.org/ws-sx/ws-
securitypolicy/200702/IncludeToken/AlwaysToRecipient">

      <wsp:Policy>

        <sp:WssUsernameToken10/>

      </wsp:Policy>

    </sp:UsernameToken>

  </wsp:Policy>

</sp:SignedEncryptedSupportingTokens>

<sc:KeyStore wspp:visibility="private" location="C:\glassfishv3\glassfish\domains\domain1\config\keystore.jks"
type="JKS" storepass="changeit" alias="xws-security-server"/>

<sc:ValidatorConfiguration wspp:visibility="private">

  <sc:Validator name="usernameValidator"
classname="com.aversan.infoway.tes.ws.common.TestPasswordValidator"/>

</sc:ValidatorConfiguration>

</wsp:All>

</wsp:ExactlyOne>

</wsp:Policy>

<wsp:Policy wsu:Id="CommonCallback_Binding_PRPA_IN101104CA_I_Input_Policy">

  <wsp:ExactlyOne>

    <wsp:All>

      <sp:EncryptedParts>

        <sp:Body/>

      </sp:EncryptedParts>

      <sp:SignedParts>

        <sp:Body/>

      <sp:Header Name="To" Namespace="http://www.w3.org/2005/08/addressing"/>

```

```
<sp:Header Name="From" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="FaultTo" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="ReplyTo" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="MessageID" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="RelatesTo" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="Action" Namespace="http://www.w3.org/2005/08/addressing"/>
<sp:Header Name="AckRequested" Namespace="http://docs.oasis-open.org/ws-rx/wsrn/200702"/>
<sp:Header Name="SequenceAcknowledgement" Namespace="http://docs.oasis-open.org/ws-
rx/wsrn/200702"/>
<sp:Header Name="Sequence" Namespace="http://docs.oasis-open.org/ws-rx/wsrn/200702"/>
<sp:Header Name="CreateSequence" Namespace="http://docs.oasis-open.org/ws-rx/wsrn/200702"/>
</sp:SignedParts>
</wsp:All>
</wsp:ExactlyOne>
</wsp:Policy>
</wsdl:definitions>
```